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Houghton Mifflin Mathematics 3

Testing & Practice Masters

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Complete answers to Houghton Mifflin's *Testing and Practice Masters* are provided in the *Teacher's Resource Book* for this grade level.

UI

Class Record Chart for Tests

Name \ Units	1	2	3	4	5	1-5	6	7	8	9	10	6-10	11	12	13	14	15	11-15
1.																		
2.																		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		
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24.																		
25.																		
26.																		
27.																		
28.																		
29.																		
30.																		

Name _____

Pretest

Unit 1

Add.

1. 30 + 5	**2.** 60 + 1	**3.** 80 + 4	**4.** 2 +90	**5.** 6 +50
6. 3 +7	**7.** 2 +9	**8.** 7 +8	**9.** 4 +6	**10.** 9 +6

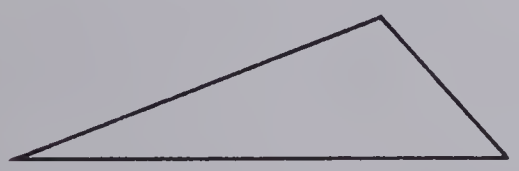
11. How long is the line in centimetres?

_____ ____ cm

Add.

12. 6 +6	**13.** 9 +5	**14.** 6 +7	**15.** 4 +8	**16.** 9 +4
17. 8 +8	**18.** 9 +8	**19.** 7 +9	**20.** 9 +9	**21.** 8 +9
22. 4 3 +1	**23.** 7 2 +3	**24.** 6 3 +4	**25.** 3 8 +7	**26.** 5 9 +5

27. Find the perimeter.



____ + ____ + ____ = ____

3 girls
4 boys
6 grown-ups

28. How many people?

29. How many children?

Name _____

Extra Practice

Worksheet N1

Pages 2-3

Write in standard form.

1. 10 + 6 = ____ **2.** 10 + 8 = ____ **3.** 20 + 7 = ____

4. 20 + 2 = ____ **5.** 80 + 3 = ____ **6.** 90 + 6 = ____

Count on and write how much money.

7. = ____ ¢

8. = ____ ¢

Write each numeral in expanded form.

9. 36 = ____ + ____ **10.** 19 = ____ + ____ **11.** 52 = ____ + ____

12. 17 = ____ + ____ **13.** 23 = ____ + ____ **14.** 32 = ____ + ____

Extra Practice

Worksheet A1

Pages 4-5

Add.

1. 8 + 2 = ____	**2.** 8 + 3 = ____	**3.** 8 + 7 = ____	**4.** 6 + 5 = ____	**5.** 6 + 9 = ____
6. 6 + 4 = ____	**7.** 7 + 8 = ____	**8.** 7 + 4 = ____	**9.** 7 + 3 = ____	**10.** 9 + 6 = ____

Complete.

11. 2 + ____ = 10 **12.** 3 + ____ = 10 **13.** 4 + ____ = 10

14. 5 + ____ = 10 **15.** 6 + ____ = 10 **16.** 1 + ____ = 10

Name _____

Extra Practice

Worksheet M1

Pages 6-7

Myself

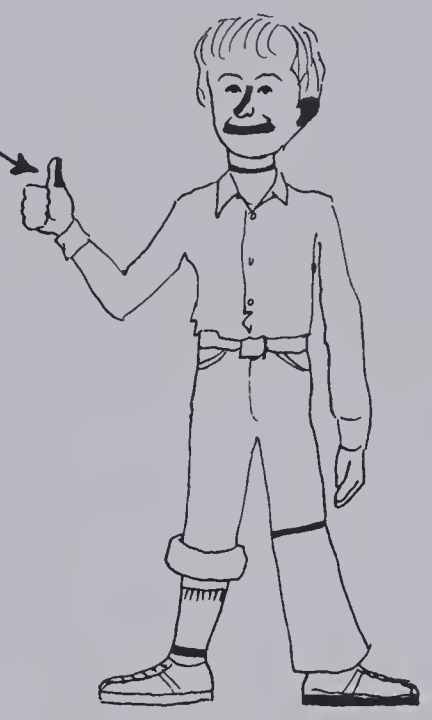
Work with a friend. Match the body parts.

thumb: ____ cm

nose: ____ cm

neck: ____ cm

ankle: ____ cm



smile: ____ cm

knee: ____ cm

foot: ____ cm

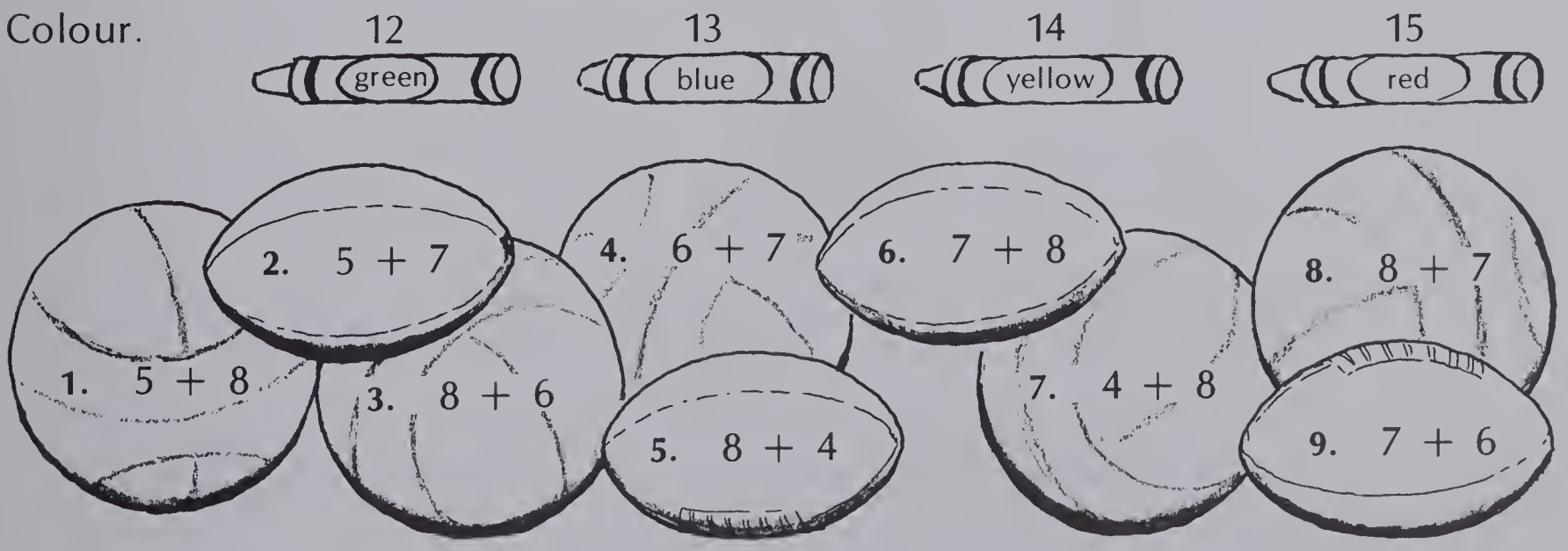
ear: ____ cm

Extra Practice

Worksheet A2

Pages 8-9

Colour.



Complete.

10. 5 + ____ = 13

11. 7 + ____ = 14

12. 6 + ____ = 12

13. 5 + ____ = 14

14. 9 + ____ = 12

15. 7 + ____ = 13

Name _____

Extra Practice

Worksheet A3

Pages 10-11

Add.

1. $6 + 9 =$ ____
2. $9 + 8 =$ ____
3. $8 + 8 =$ ____
4. $8 + 9 =$ ____
5. $9 + 9 =$ ____
6. $7 + 9 =$ ____
7. $9 + 7 =$ ____
8. $9 + 10 =$ ____
9. $10 + 8 =$ ____

Put the same number in both spaces.

10. ____ + ____ = 10
11. ____ + ____ = 8
12. ____ + ____ = 12
13. ____ + ____ = 18
14. ____ + ____ = 14
15. ____ + ____ = 16

Extra Practice

Worksheet A4

Pages 12-13

Add.

1. $2 + 6 + 5 =$ ____
2. $3 + 8 + 1 =$ ____
3. $4 + 0 + 7 =$ ____
4. $9 + 6 + 1 =$ ____
5. $4 + 3 + 7 =$ ____
6. $4 + 2 + 1 =$ ____
7. $2 + 3 + 8 =$ ____
8. $4 + 4 + 6 =$ ____
9. $7 + 5 + 5 =$ ____
10. $8 + 3 + 7 =$ ____
11. $9 + 1 + 9 =$ ____
12. $6 + 7 + 4 =$ ____

Name _____

Extra Practice

Worksheet M2

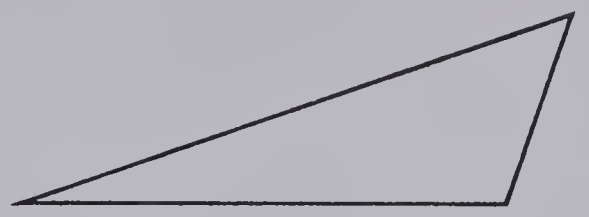
Pages 14-15

Measure the sides and find the perimeter.

1.

___ + ___ + ___ = ___

2.



___ + ___ + ___ = ___

Add.

3.
4 cm
5 cm
+6 cm

4.
5 cm
4 cm
+4 cm

5.
5 cm
4 cm
+7 cm

6.
6 cm
3 cm
+5 cm

Extra Practice

Worksheet PS1-PS2

Pages 16-17

Cross out the extra fact.
Solve the problem.

1. 6 hats
4 shirts
How many hats? ____

2. 9 daisies
4 rocks
How many flowers? ____

3. 8 red pencils
4 blue crayons
2 yellow pencils
How many pencils? ____

4. 6 pennants
6 hockey cards
6 baseball cards
How many cards? ____

Name _____

Post-test

Unit 1

Add.

1. 50 + 8 = ___	**2.** 60 + 7 = ___	**3.** 90 + 1 = ___	**4.** 8 + 40 = ___	**5.** 7 + 20 = ___
6. 8 + 2 = ___	**7.** 6 + 5 = ___	**8.** 8 + 7 = ___	**9.** 5 + 5 = ___	**10.** 6 + 9 = ___

11. How long is the line in centimetres?

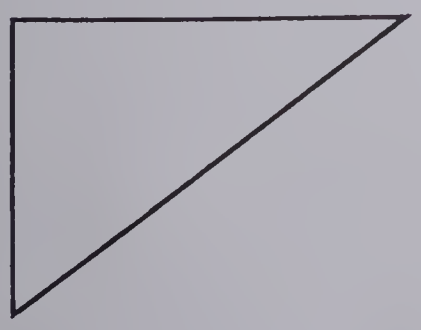
_____ ____ cm

Add.

12. 8 + 6 = ___	**13.** 7 + 5 = ___	**14.** 5 + 8 = ___	**15.** 7 + 7 = ___	**16.** 3 + 9 = ___
17. 8 + 9 = ___	**18.** 9 + 9 = ___	**19.** 8 + 8 = ___	**20.** 9 + 7 = ___	**21.** 9 + 8 = ___
22. 1 3 + 4 = ___	**23.** 2 3 + 8 = ___	**24.** 5 4 + 5 = ___	**25.** 9 1 + 8 = ___	**26.** 6 7 + 4 = ___

Find the perimeter.

27.



___ + ___ + ___ = ___

4 red apples
6 green apples
3 oranges

28. How many fruit? ____

29. How many apples? ____

Name _____

Pretest

Unit 2

Subtract.

1. 10 − 7 = ___	**2.** 11 − 5 = ___	**3.** 10 − 4 = ___	**4.** 11 − 3 = ___	**5.** 11 − 9 = ___
6. 23 − 1 = ___	**7.** 23 − 10 = ___	**8.** 17 − 1 = ___	**9.** 17 − 10 = ___	**10.** 15 − 1 = ___
11. 14 − 9 = ___	**12.** 16 − 8 = ___	**13.** 18 − 9 = ___	**14.** 14 − 7 = ___	**15.** 16 − 9 = ___

Complete the equation.

16. 7 dm = ____ cm

17. 7 dm + 2 cm = ____ cm

Subtract.

18. 12 − 8 = ___	**19.** 13 − 7 = ___	**20.** 13 − 4 = ___	**21.** 12 − 5 = ___	**22.** 13 − 8 = ___

23. Circle the twelfth number.

24. Circle the 15th number.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Subtract.

25. 17 − 9 = ___	**26.** 15 − 8 = ___	**27.** 13 − 6 = ___	**28.** 16 − 7 = ___	**29.** 12 − 7 = ___

Solve.

30. 9 roses
8 carnations
How many flowers?

31. 16 glasses
7 are filled.
How many are empty?

Name _____

Extra Practice

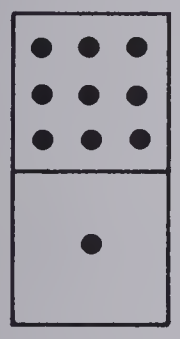
Worksheet A5

Pages 22-23

Subtract.

1. $11 - 2 =$ ____
2. $11 - 3 =$ ____
3. $11 - 8 =$ ____
4. $11 - 4 =$ ____
5. $11 - 7 =$ ____
6. $11 - 5 =$ ____
7. $11 - 9 =$ ____
8. $11 - 6 =$ ____
9. $11 - 1 =$ ____

Write the fact family for each.

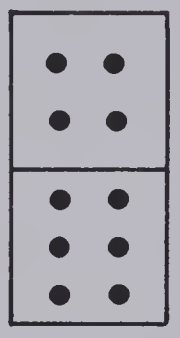
10. 

_____

_____

_____

_____

11. 

_____

_____

_____

_____

Extra Practice

Worksheet A6

Pages 24-25

Subtract.

1. 91 − 10 = ____	2. 91 − 1 = ____	3. 82 − 10 = ____	4. 84 − 1 = ____	5. 67 − 1 = ____
6. 67 − 10 = ____	7. 53 − 1 = ____	8. 53 − 10 = ____	9. 48 − 10 = ____	10. 48 − 1 = ____

Count backward using the same pattern.

11. 95, 94, 93, 92, ____, ____, ____, ____, ____.

12. 95, 85, 75, 65, ____, ____, ____, ____, ____.

13. 84, 74, 64, 54, ____, ____, ____, ____, ____.

Name _____

Extra Practice

Worksheet A7

Pages 26-27

What is Tammy making in the Fall?

9 − 0	13 − 9	9 − 9	12 − 6	14 − 7	11 − 9	10 − 9
A						

14 − 9	7 − 7	9 − 8	17 − 9

Code

0	1	2	3	4	5	6	7	8	9
I	R	E	F	W	B	N	T	D	A

12 − 9	7 − 5	9 − 7	16 − 8	8 − 6	8 − 7

Extra Practice

Worksheet M3

Pages 28-29

Complete the equation.

1. 2 dm = ____ cm
2. 8 dm = ____ cm
3. 2 dm + 3 cm = ____ cm
4. 3 dm + 2 cm = ____ cm
5. ____ dm + ____ cm = 65 cm
6. ____ dm + ____ cm = 83 cm
7. ____ dm + ____ cm = 52 cm
8. ____ dm + ____ cm = 90 cm

Draw a line segment this long.

9. 1 dm

10. 12 cm

Name _____

Extra Practice

Worksheet A8

Pages 30-31

Use the code to get a message.

3	4	5	6	7	8	9
A	D	H	N	P	S	Y

1. 13 − 8 = ☐

2. 12 − 9 = ☐

3. 13 − 7 = ☐

4. 12 − 8 = ☐

5. 13 − 4 = ☐

6. 13 − 5 = ☐

7. 12 − 5 = ☐

8. 13 − 10 = ☐

9. 12 − 6 = ☐

10. 12 − 8 = ☐

11. 12 − 3 = ☐

Extra Practice

Worksheet N2

Pages 32-33

1. Match the ordinal numbers.

thirteenth	8th
fifteenth	15th
twelfth	29th
eighth	13th
twentieth	20th
twenty-ninth	12th
18th	twenty-third
25th	twenty-fifth
19th	twenty-second
23rd	eighteenth
21st	twenty-first
22nd	nineteenth

2. What is the fifth letter of the alphabet? ____

3. What is the eleventh letter of the alphabet? ____

4. What is the twenty-sixth letter of the alphabet? ____

Name _____

Extra Practice

Worksheet A9

Pages 34-35

Complete the subtraction table.

—	2	3	4	5	6	7	8	9
11								
12								
13								
14								
15								
16								
17								
18								

Extra Practice

Worksheet PS3-PS4

Pages 36-37

Draw the picture. Solve the problem.

1. 7 maple leaves
   3 oak leaves
   How many leaves?

2. 11 candles
   7 are lit.
   How many are not?

3. 15 children
   8 masks
   How many bare faces?

4. 5 pumpkin pies
   9 apple pies
   How many pies?

Name _____

Post-test

Unit 2

Subtract.

1. 11 − 3 = ____	**2.** 10 − 8 = ____	**3.** 11 − 9 = ____	**4.** 10 − 5 = ____	**5.** 10 − 7 = ____
6. 25 − 1 = ____	**7.** 25 − 10 = ____	**8.** 19 − 1 = ____	**9.** 19 − 10 = ____	**10.** 11 − 1 = ____
11. 16 − 9 = ____	**12.** 12 − 6 = ____	**13.** 14 − 9 = ____	**14.** 18 − 9 = ____	**15.** 16 − 8 = ____

Complete the equation.

16. 4 dm = ____ cm

17. 4 dm + 6 cm = ____ cm

Subtract.

18. 13 − 7 = ____	**19.** 12 − 4 = ____	**20.** 13 − 4 = ____	**21.** 12 − 7 = ____	**22.** 13 − 8 = ____

23. Circle the eleventh triangle.

24. Circle the sixteenth triangle.

Subtract.

25. 17 − 8 = ____	**26.** 15 − 6 = ____	**27.** 16 − 7 = ____	**28.** 15 − 8 = ____	**29.** 14 − 5 = ____

Solve.

30. 14 leaves
9 drop.
How many are left? ____

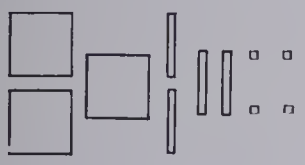
31. 7 blackbirds
6 crows
How many birds? ____

Name _____

Pretest

Unit 3

Write in standard form.

1. 

_____

2.

100	10	1
••		•••

_____

3. five hundred fifty-one

_____

4. 800 + 50 + 6 = ____

5. 400 + 10 + 1 = ____

6. 900 + 20 = ____

7. 20 + 300 + 2 = ____

8. 700 + 50 = ____

9. 6 + 100 + 30 = ____

10.

100	10	1
7	1	9

_____

11.

10	1	100
6	5	9

_____

12.

1	10	100
2	0	8

_____

Count.

13. from 165 to 176

14. from 292 to 304

15. from 890 to 908

16. by tens from 279 to 329

17. by hundreds from 112 to 912

Use < or >.

18. 276 ◯ 269

19. 487 ◯ 712

20. 624 ◯ 623

21. 99 ◯ 111

Complete the equations.

22. 6 m = ____cm

23. 5 m + 2 dm + 4 cm = ____cm

Use the dollar sign.

24.

$10	$1	10¢	1¢
7	5	4	3

_____

25.

_____

26. 35¢

_____

Complete.

27.

1000	100	10	1
4	0	6	2

= _____

28. four thousand eleven = _____

29. 3795 3796 3797 _____ _____ _____ _____ 3802.

Name _____

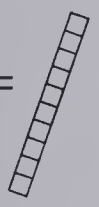
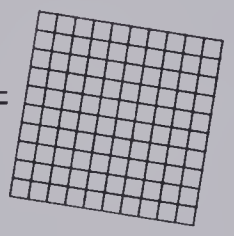
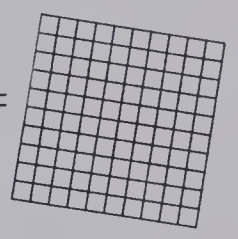
Extra Practice

Worksheet N3
Pages 42-43

Write in standard form.

1. four hundred sixteen _____
2. eight hundred eleven _____
3. one hundred seventy-six _____
4. three hundred sixty-two _____
5. seven hundred fifty-eight _____
6. two hundred six _____
7. five hundred twenty _____
8. six hundred three _____

Complete these equations.

9. ___ □ = 
10. ___ = 
11. ___ □ = 

12. ___ ones = 1 ten
13. ___ tens = 1 hundred
14. ___ ones = 1 hundred

Extra Practice

Worksheet N4
Pages 44-45

Complete the counting patterns.

1.	240	250	260	___	___	___	___	___ 320
2.	353	352	351	___	___	___	___	___ 345
3.	920	820	720	___	___	___	___	___ 120
4.	726	727	728	___	___	___	___	___ 734
5.	395	396	397	___	___	___	___	___ 403
6.	635	645	655	___	___	___	___	___ 715
7.	21	121	221	___	___	___	___	___ 821
8.	562	552	542	___	___	___	___	___ 482
9.	404	403	402	___	___	___	___	___ 396
10.	720	710	700	___	___	___	___	___ 640

Name _____

Extra Practice

Worksheet N5
Pages 46-47

Write in standard form.

1. 200 + 30 + 6 = _____
2. 500 + 40 + 7 = _____
3. 800 + 20 + 1 = _____
4. 400 + 30 + 2 = _____
5. 600 + 80 + 9 = _____
6. 200 + 70 + 8 = _____
7. 300 + 40 = _____
8. 700 + 50 = _____
9. 100 + 30 = _____
10. 900 + 10 = _____
11. 200 + 7 = _____
12. 600 + 4 = _____
13. 100 + 3 = _____
14. 800 + 1 = _____
15. 60 + 4 + 100 = _____
16. 70 + 200 + 8 = _____
17. 3 + 50 + 800 = _____
18. 8 + 100 = _____

Extra Practice

Worksheet N6
Pages 48-49

Use <, >, or = to make true statements.

1. 830 ◯ 890
2. 29 ◯ 31
3. 405 ◯ 408
4. 607 ◯ 700
5. 448 ◯ 480
6. 399 ◯ 598
7. 68 ◯ 86
8. 509 ◯ 905
9. 687 ◯ 786
10. 203 ◯ 302
11. 498 ◯ 499
12. 355 ◯ 555
13. 109 ◯ 87
14. 223 ◯ 232
15. 99 ◯ 101
16. 60 + 7 ◯ 67
17. 70 + 8 ◯ 87
18. 200 + 3 ◯ 32
19. 800 + 60 + 3 ◯ 863

Name _____

Extra Practice

Worksheet M4

Pages 50-51

Complete the table.

	Estimate	Measure
door to pencil sharpener	____m	____m + ____dm + ____cm = _____cm
light switch to window	____m	____m + ____dm + ____cm = _____cm
door to drinking fountain	____m	____m + ____dm + ____cm = _____cm
width of the hallway	____m	____m + ____dm + ____cm = _____cm
fire alarm to outer door	____m	____m + ____dm + ____cm = _____cm
distance to nearest class	____m	____m + ____dm + ____cm = _____cm
length of hallway	____m	____m + ____dm + ____cm = _____cm

Extra Practice

Worksheet M5

Pages 52-53

Use money materials to complete the counting.

1. $5.67, $5.68, $5.69 _____, _____, _____, $5.73
2. $2.96, $2.97, $2.98, _____, _____, _____, $3.02
3. $13.15, $13.25, $13.35, _____, _____, _____, $13.75
4. $8.60, $8.70, $8.80, _____, _____, _____, $9.20
5. $26.50, $27.50, $28.50, _____, _____, _____, $32.50
6. $10.98, $20.98, $30.98, _____, _____, _____, $70.98
7. $15.29, $20.29, $25.29, _____, _____, _____, $45.29
8. $5.05, $6.05, $7.05, _____, _____, _____, $11.05

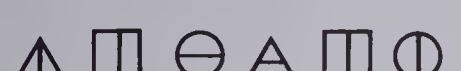
Name _____

Extra Practice

Worksheet PS5-PS6

Pages 54-55

Complete the patterns.

1. _____, _____, _____, _____
2. _____, _____, _____, _____
3. $15.50, $16.49, $17.48, _____, _____, _____, _____
4. $10.01, $9.03, $8.05, _____, _____, _____, _____
5. _____, _____, _____, _____
6.  _____, _____, _____, _____
7. 1, 2, 12, 3, 4, 34, _____, _____, _____, _____
8. 10, 11, 9, 10, 8, 9, _____, _____, _____, _____

Extra Practice

Worksheet N7

Pages 56-57

Print the numeral.

1. three thousand six hundred sixty-three _____
2. two thousand nine hundred seventy _____
3. four thousand seven hundred thirteen _____
4. eight thousand five hundred eight _____

Complete the counting.

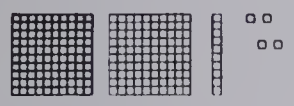
5. 1925, 1924, 1923, _____, _____, _____, _____, _____, 1917
6. 6996, 6997, 6998, _____, _____, _____, _____, _____, 7004
7. 1940, 1950, 1960, _____, _____, _____, _____, _____, 2020
8. 6309, 6409, 6509, _____, _____, _____, _____, _____, 7109

Name _____

Post-test

Unit 3

Write in standard form.

1. 

_____

2.

100	10	1
●●		●

_____

3. one hundred sixteen

_____

4. $600 + 20 + 4 =$ _____

5. $300 + 10 + 3 =$ _____

6. $400 + 50 =$ _____

7. $700 + 60 + 4 =$ _____

8. $200 + 40 + 1 =$ _____

9. $700 + 4 =$ _____

10.

100	10	1
6	0	7

_____

11.

10	1	100
5	7	3

_____

12.

1	10	100
0	2	7

_____

Count.

13. 165, 166, 167, _____, _____, _____, 171

14. 596, 597, 598, _____, _____, _____, 602

15. 886, 887, 888, _____, _____, _____, 892

16. 256, 266, 276, _____, _____, _____, 316

17. 65, 165, 265, _____, _____, _____, 665

Use < or >.

18. 621 ◯ 497 **19.** 190 ◯ 201 **20.** 320 ◯ 319 **21.** 89 ◯ 103

Complete the equation.

22. 2 m + 7 dm + 1 cm = ____ cm

23. 8 m + 3 dm = ____ cm

Use the dollar sign.

24.

$10	$1	10¢	1¢
3	0	4	5

_____

25.

_____

26. 715¢

_____

Complete.

27.

1000	100	10	1
6	3	4	7

= _____

28. three thousand two = _____

29. 4995, 4996, 4997, _____, _____, _____, 5001

Name _____

Pretest

Unit 4

Add.

1. 15 + 6	**2.** 37 + 7	**3.** 47 + 3	**4.** 66 + 3	**5.** 43 + 25
6. 25 + 28	**7.** 18 + 33	**8.** 52 + 46	**9.** 45 + 35	**10.** 9 + 36

Copy and complete.

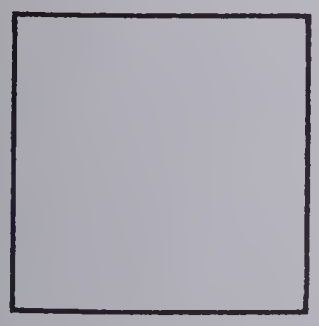
11. 1 km = ____ m **12.** ____ km = 5000 m **13.** 4 km = ____ m

Add.

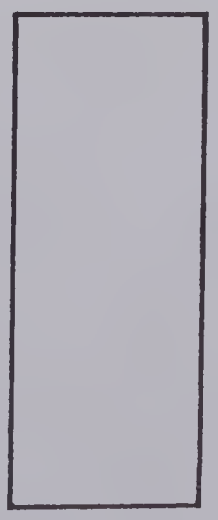
14. 93 + 92	**15.** 40 + 79	**16.** 73 + 73	**17.** 41 + 56	**18.** 96 + 18
19. 85 + 85	**20.** 79 + 54	**21.** 98 + 7	**22.** 47 + 53	**23.** 54 + 59
24. 6 5 2 + 3	**25.** 7 7 7 + 7	**26.** 8 7 5 + 6	**27.** 20 20 30 + 70	**28.** 50 90 20 + 80

Measure and add to find each perimeter.

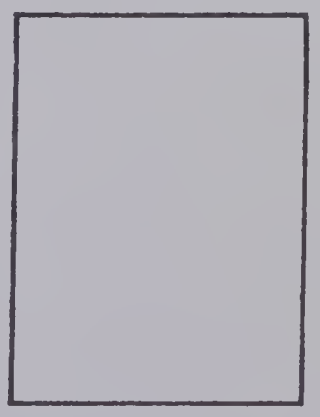
29.



30.



31.



Name _____

Extra Practice

Worksheet A10

Pages 62-63

Add.

1. 4 tens
+ 2 tens

2. 5 ones
+ 4 ones

3. 2 tens
+ 7 tens

4. 4 ones
+ 3 ones

5. 6 tens
+ 2 tens

6. 43
+ 24

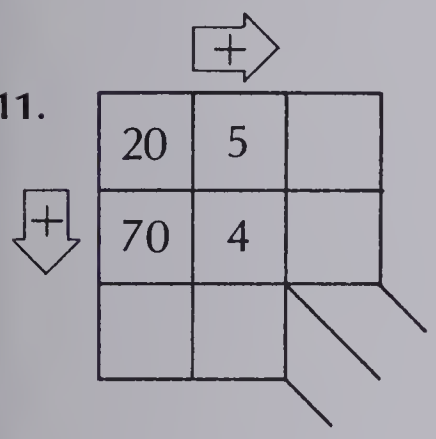
7. 24
+ 75

8. 23
+ 44

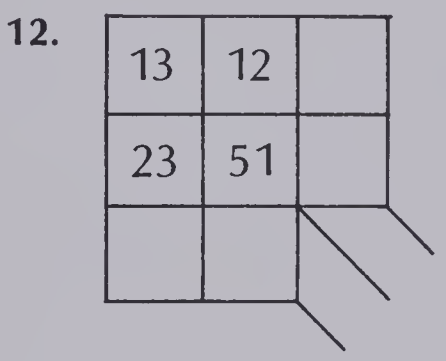
9. 44
+ 25

10. 56
+ 33

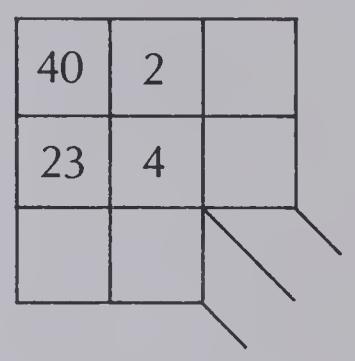
11.



12.



13.



Extra Practice

Worksheet A11

Pages 64-65

Complete.

1. 35
+ 7

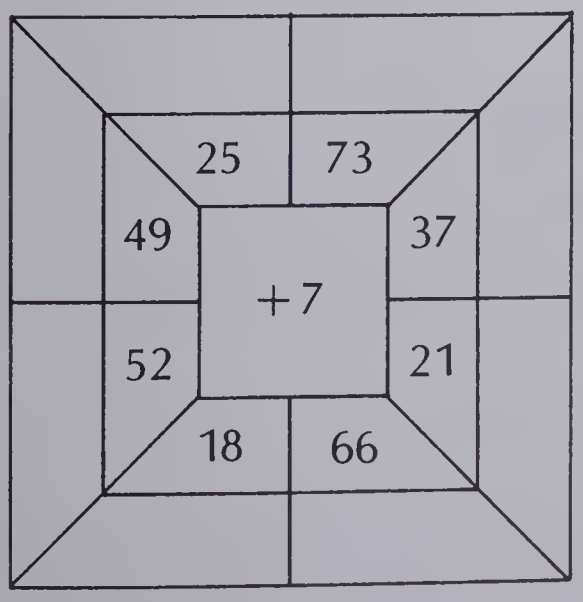
2. 27
+ 7

3. 53
+ 7

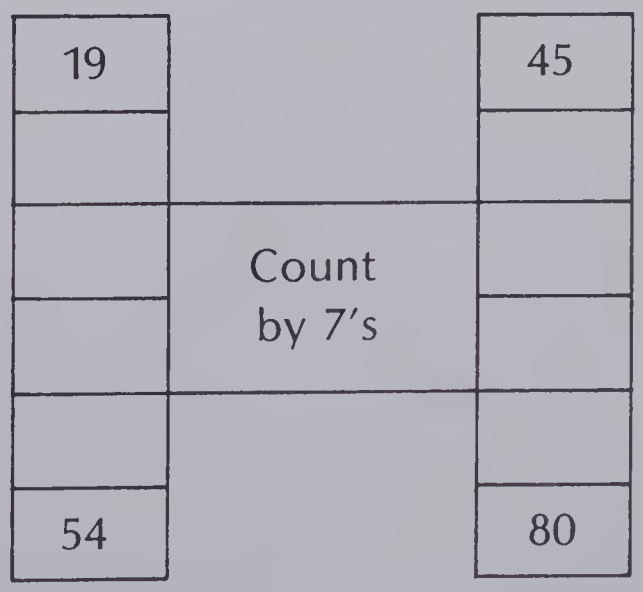
4. 19
+ 7

5. 48
+ 7

6.



7.



Name _____

Extra Practice

Worksheet A12

Pages 66-67

Circle those needing trading. Then add.

1. 32 + 57	**2.** 12 + 58	**3.** 57 + 36	**4.** 75 + 23	**5.** 29 + 56
6. 82 + 9	**7.** 73 + 16	**8.** 37 + 26	**9.** 26 + 56	**10.** 25 + 25

11.

23	32	
18	19	

12.

17	16	
25	31	

13.

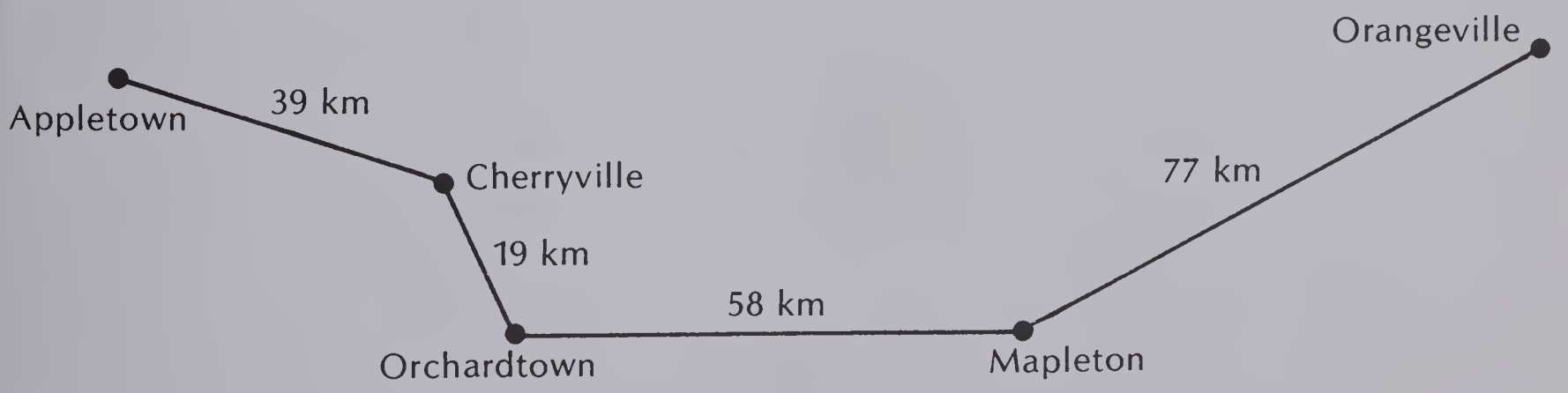
38	56	
49	19	

Extra Practice

Worksheet M6

Pages 68-69

How many kilometres?



1. Appletown to Orchardtown _____

2. Mapleton to Cherryville _____

3. Orangeville to Orchardtown _____

4. Appletown to Mapleton _____

5. Cherryville to Orangeville _____

6. Orangeville to Appleton _____

Complete the equations.

7. 1 km = _____ m

8. _____ km = 9000 m

9. 5 km = _____ m

Name _____

Extra Practice

Worksheet A13

Pages 70-71

Add.

1. 25 + 92 = _____
2. 75 + 93 = _____
3. 64 + 82 = _____
4. 75 + 74 = _____
5. 83 + 76 = _____
6. 32 + 81 = _____

Solve by adding.

7. How many by land? _____
8. How many by water? _____
9. How many start with s? _____
10. How many start with b? _____
11. How many with 6 letters? _____

44 bicycles
62 submarines
85 blimps
43 skates
92 ships

Extra Practice

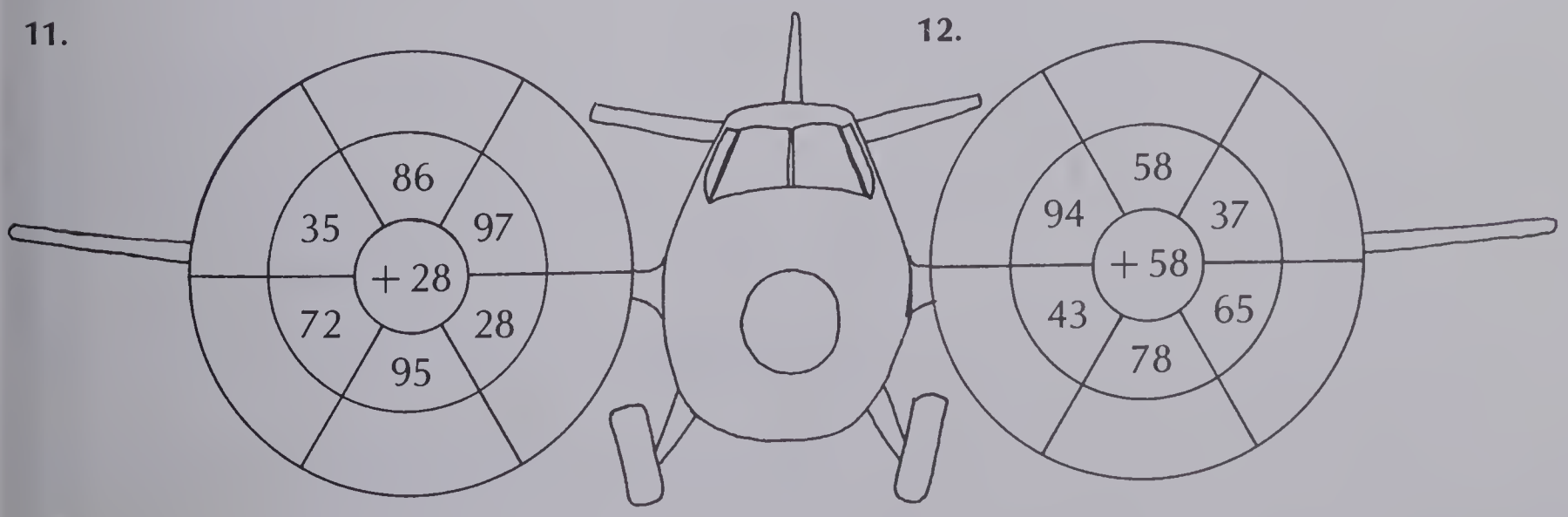
Worksheet A14

Pages 72-73

Add.

1. 35 + 48
2. 76 + 67
3. 24 + 36
4. 52 + 57
5. 92 + 29
6. 33 + 48
7. 44 + 95
8. 99 + 99
9. 88 + 88
10. 77 + 77

11.



12.

Name _____

Extra Practice

Worksheet A15

Pages 74-75

Add.

1. 16 + 5 = ____

2. 22 + 3 = ____

3. 18 + 4 = ____

4. 23 + 5 = ____

5. 15 + 7 = ____

6. 7 + 2 + 7 + 5 = ____

7. 8 + 8 + 6 + 2 = ____

8. 9 + 5 + 4 + 6 = ____

9. 6 + 6 + 3 + 7 = ____

10. 5 + 7 + 9 + 5 = ____

11. 4 + 4 + 5 + 5 = ____

12. 6 + 6 + 7 + 7 = ____

13. 9 + 1 + 2 + 8 = ____

14. 3 + 6 + 5 + 9 = ____

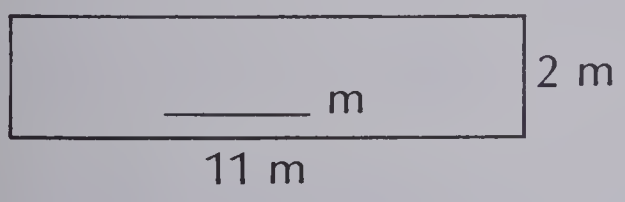
Extra Practice

Worksheet M7

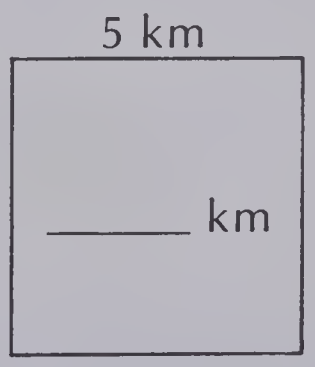
Pages 76-77

Find the perimeters.

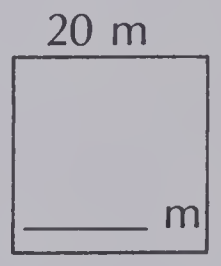
1.



2.



3.



4. a square 4 m wide: _____

5. a square 20 km wide: _____

6. a square 40 cm wide: _____

7. a square 8 m wide: _____

8. a rectangle 3 m wide and 9 m long: _____

9. a rectangle 70 cm wide and 40 cm long: _____

10. a rectangle 20 m wide and 90 m long: _____

Name _____

Post-test

Unit 4

Add.

1. 13 + 9	**2.** 19 + 4	**3.** 64 + 6	**4.** 72 + 7	**5.** 85 + 14
6. 43 + 18	**7.** 21 + 39	**8.** 23 + 76	**9.** 25 + 68	**10.** 7 + 25

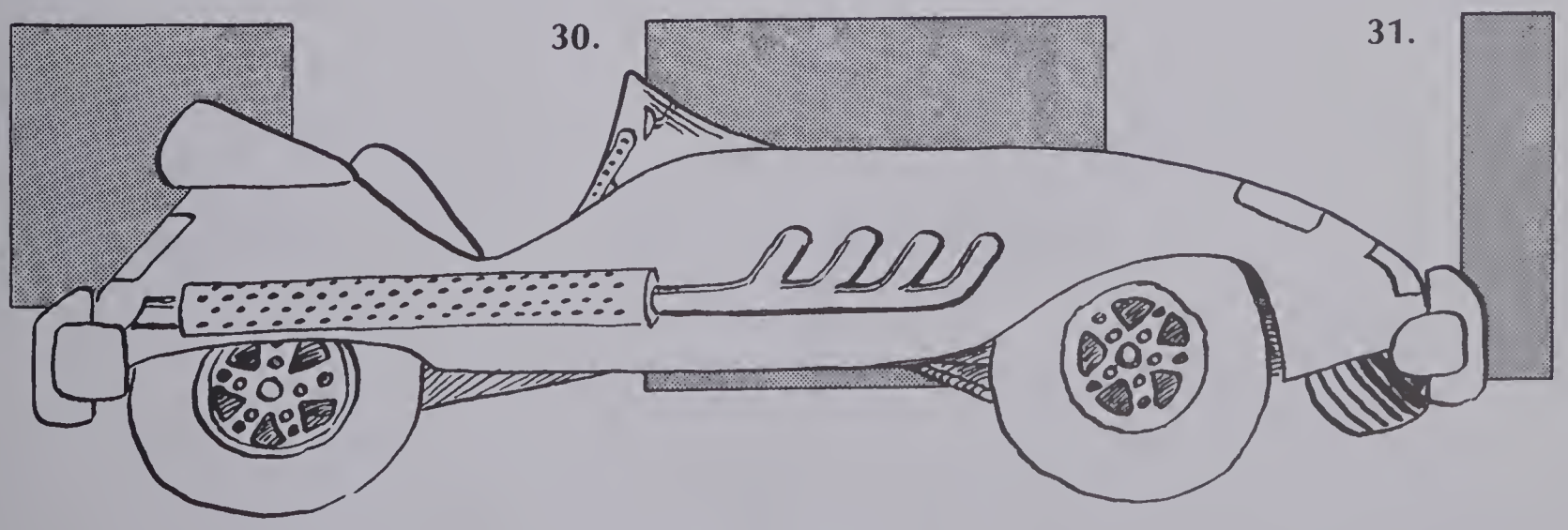
Copy and complete.

11. 8 km = ____ m **12.** ____ km = 3000 m **13.** 9 km = ____ m

14. 72 + 74	**15.** 79 + 40	**16.** 95 + 74	**17.** 25 + 74	**18.** 84 + 67
19. 67 + 67	**20.** 26 + 95	**21.** 98 + 7	**22.** 85 + 15	**23.** 92 + 78
24. 5 4 6 + 4	**25.** 7 7 7 + 7	**26.** 4 8 9 + 3	**27.** 60 10 40 + 80	**28.** 30 40 70 + 80

Measure and add to find each perimeter.

29. **30.** **31.**



Name _____

Pretest

Unit 5

Subtract.

1. 48 − 25	**2.** 63 − 41	**3.** 97 − 40	**4.** 79 − 36	**5.** 85 − 64
6. 33 − 5	**7.** 84 − 9	**8.** 62 − 7	**9.** 56 − 8	**10.** 91 − 5
11. 26 − 17	**12.** 56 − 29	**13.** 61 − 47	**14.** 83 − 74	**15.** 92 − 28
16. 170 − 90	**17.** 163 − 72	**18.** 134 − 54	**19.** 172 − 88	**20.** 113 − 56
21. 130 − 74	**22.** 103 − 95	**23.** 101 − 82	**24.** 107 − 29	**25.** 100 − 38

Find the difference between:

26. 38 and 73

27. 126 and 87

28. 48 and 105

Do the problem. Then check the answer.

29. 64 + 25	**30.** 83 + 99	**31.** 54 − 12	**32.** 127 − 89

64 cm teddy bear

48 cm rag doll

33. How much longer is the teddy bear?

34. How long together?

Name _____

Extra Practice

Worksheet A16

Pages 82-83

Subtract.

1. $\begin{array}{r} 38 \\ -\ 26 \\ \hline \end{array}$

2. $\begin{array}{r} 49 \\ -\ 2 \\ \hline \end{array}$

3. $\begin{array}{r} 68 \\ -\ 47 \\ \hline \end{array}$

4. $\begin{array}{r} 95 \\ -\ 41 \\ \hline \end{array}$

5. $\begin{array}{r} 77 \\ -\ 53 \\ \hline \end{array}$

6. 9 tens take away 4 tens = _____

7. 7 tens minus 2 tens = _____

8. 87 take away 35 = _____

9. 26 minus 14 = _____

10. Take 71 away from 92. _____

11. Take 12 away from 58. _____

12. Subtract 14 from 29. _____

13. Subtract 36 from 97. _____

Extra Practice

Worksheet A17

Pages 84-85

Show the trade.

1. $\begin{array}{r} 2\ 15 \\ \not{3}\ \not{5} \\ \hline \end{array}$

2. 54

3. 43

4. 61

5. 27

6. 62

7. 78

8. 85

9. 57

10. 90

Subtract.

11. $\begin{array}{r} 35 \\ -\ 9 \\ \hline \end{array}$

12. $\begin{array}{r} 54 \\ -\ 7 \\ \hline \end{array}$

13. $\begin{array}{r} 60 \\ -\ 8 \\ \hline \end{array}$

14. $\begin{array}{r} 43 \\ -\ 6 \\ \hline \end{array}$

15. $\begin{array}{r} 61 \\ -\ 2 \\ \hline \end{array}$

16. $72 - 6 =$ ____

17. $40 - 9 =$ ____

18. $54 - 6 =$ ____

Name _____

Extra Practice

Worksheet A18

Pages 86-87

Subtract.

1. 35 − 19	**2.** 42 − 23	**3.** 65 − 38	**4.** 92 − 89	**5.** 83 − 24
6. 70 − 29	**7.** 58 − 49	**8.** 80 − 37	**9.** 61 − 57	**10.** 22 − 13

Change to vertical form. Then subtract.

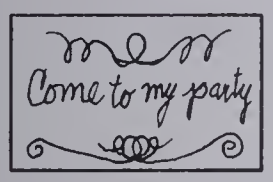
11. 75 − 24 = _____ **12.** 90 − 3 = _____ **13.** 48 − 38 = _____

Extra Practice

Worksheet G1

Pages 88-89

What plane figures do these suggest?

1. 

_____

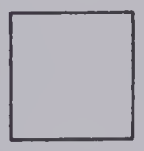
2.
_____

3.
_____

4.
_____

5.

_____

6. 
_____

7.

_____

8.

_____

9. I have 4 straight sides that are all the same length and four L-corners. What am I? _____

10. I have 3 straight sides and 3 corners. What am I? _____

11. I have one curved side and no corners. What am I? _____

12. I have 4 straight sides of two lengths. I have four L-corners. What am I? _____

Name _____

Extra Practice

Worksheet A19

Pages 90-91

Copy and complete.

1. 170 = ____ tens
2. 130 = ____ tens
3. 110 = ____ tens
4. 184 = ____ tens ____ ones
5. 156 = ____ tens ____ ones

Subtract.

6.	7.	8.	9.	10.
170 − 80	130 − 60	110 − 30	180 − 90	150 − 70
11.	12.	13.	14.	15.
173 − 85	135 − 63	117 − 39	185 − 95	154 − 76

Extra Practice

Worksheet A20

Pages 92-93

Find the difference between each pair.

1. 103 and 46 _____
2. 40 and 120 _____
3. 92 and 57 _____
4. 64 and 118 _____
5. 167 and 76 _____
6. 34 and 21 _____
7. 108 and 69 _____
8. 52 and 103 _____
9. 21 and 19 _____

Complete.

10.

—	105	142	111
89			
76			

11.

—	92	101	133
67			
28			

12.

—	104	123	102
45			
78			

Name _____

Extra Practice

Worksheet A21

Pages 94-95

Do the problem. Check by undoing.

1.	2.	3.	4.	5.
28	53	80	73	102
+47	+37	−36	−25	− 23

6. 94 + 53 = _____

7. 37 + 58 = _____

8. 135 − 65 = ____

Undo these problems. Correct any wrong answers.

9.	10.	11.	12.	13.
39	123	105	78	106
+75	− 64	− 78	+97	− 38
104	59	37	175	78

Extra Practice

Worksheet PS7-PS8

Pages 96-97

19 robins

25 cardinals

12 wrens

31 crows

Solve.

1. How many more cardinals than robins? _____
2. How many fewer wrens than crows? _____
3. How many robins and wrens? _____
4. How many more crows than cardinals? _____
5. How many cardinals and wrens? _____
6. How many robins and crows? _____

Name _____

Post-test

Unit 5

Subtract.

1. 45 − 25	**2.** 56 − 30	**3.** 78 − 72	**4.** 99 − 23	**5.** 39 − 14
6. 34 − 7	**7.** 23 − 9	**8.** 95 − 8	**9.** 73 − 5	**10.** 42 − 8
11. 86 − 28	**12.** 63 − 54	**13.** 75 − 25	**14.** 32 − 17	**15.** 57 − 38
16. 150 − 80	**17.** 165 − 74	**18.** 111 − 48	**19.** 173 − 95	**20.** 134 − 55
21. 140 − 65	**22.** 103 − 28	**23.** 107 − 42	**24.** 100 − 56	**25.** 100 − 27

Find the difference between:

26. 46 and 73 **27.** 137 and 61 **28.** 39 and 104

Do the problem. Then check the answer.

29. 35 + 44	**30.** 48 + 72	**31.** 84 − 27	**32.** 117 − 65

42 cup cakes
23 candy bars

33. How many sweets in all?

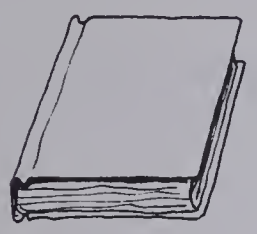
34. How many fewer candy bars than cup cakes?

Name _____

Pretest

Unit 6

Pick the mass and length.



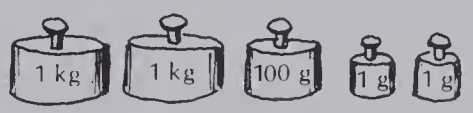
1. 23 cm or 23 km
2. 1 g or 1 kg

3. 1 m or 1 cm
4. 40 kg or 40 g

Find the total mass.

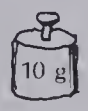
5.

_____

6. 

_____

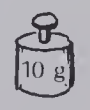
7. 8

9 

_____

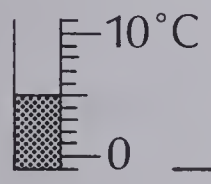
8. 3

4

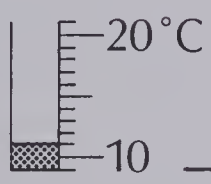
6 

_____

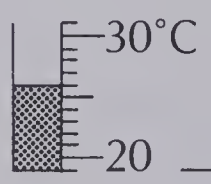
Write the temperature.

9. 

_____

10. 

_____

11. 

_____

What is the time?

12.

_____

13.

_____

14.

_____

15.

_____

16.

_____

17.

_____

Write the date another way.

18. February 29, 1984 _____

19. 88-3-5 _____

20. 1945-11-10 _____

Name _____

Extra Practice

Worksheet M8
Pages 102-103

List 5 objects for each.

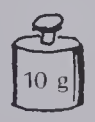
1. mass less than 1 kg
2. mass between 2 kg and 5 kg
3. mass close to 5 kg
4. mass less than 5 g
5. mass between 5 g and 10 g
6. mass close to 10 g

Extra Practice

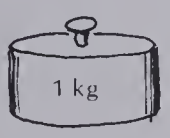
Worksheet M9
Pages 104-105

Find the total mass.

1. 7

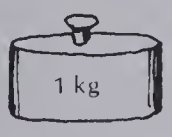
3 

_____

2. 2 

5

_____

3. 3 

2

8

_____

4. 1

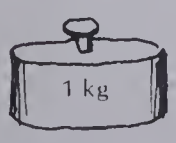
3

_____

5. 8

1

_____

6. 6 

3

4

9

_____

Name _____

Extra Practice

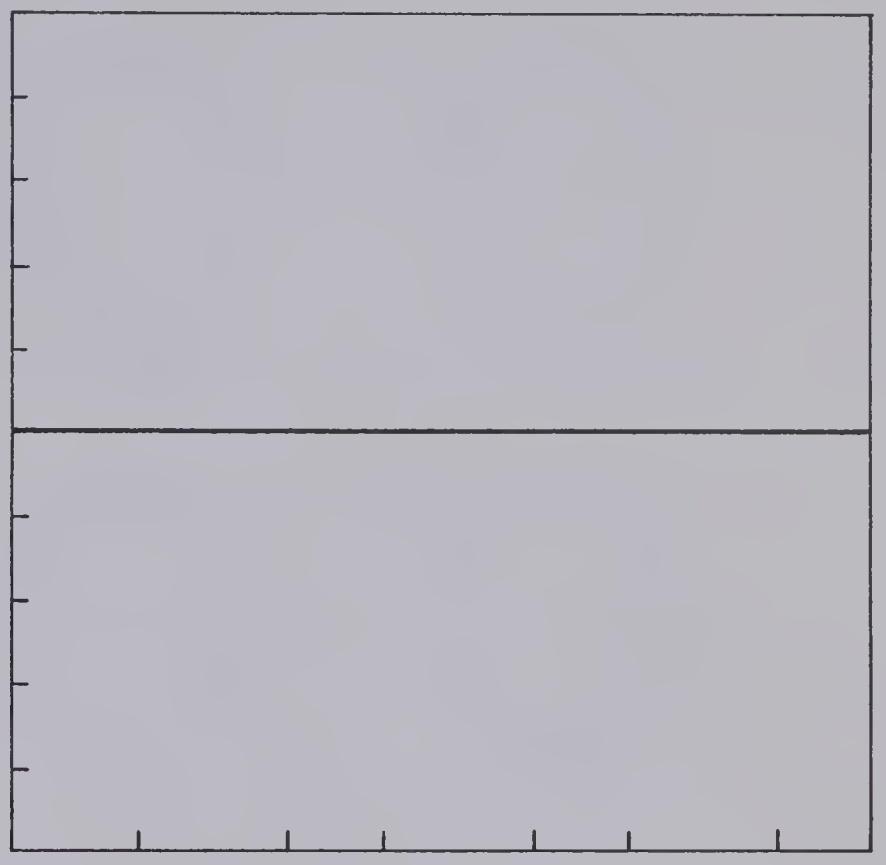
Worksheet GR1

Pages 106-107

Make a bar graph.

STUDENT MASSES

less than 30 kg	𝍸 /
between 30 kg and 50 kg	𝍸 ///
more than 50 kg	////



Extra Practice

Worksheet M10

Pages 108-109

What are the temperatures?

Estimate. Then measure with a thermometer.

	Estimate	Measure
Outside	_____	_____
Inside	_____	_____
Inside a lamp	_____	_____
Tap water	_____	_____
Ice water	_____	_____
Boiling water (Don't touch!)	_____	_____

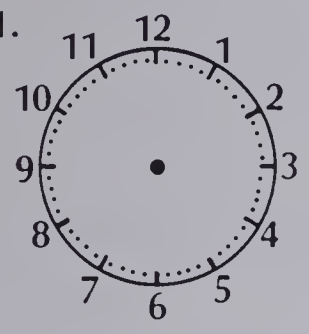
Name _____

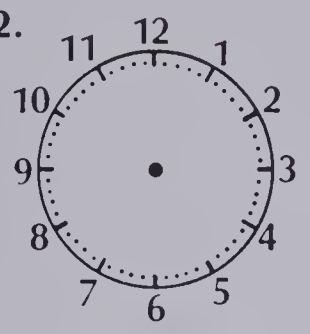
Extra Practice

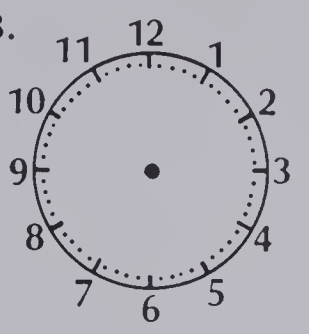
Worksheet M11

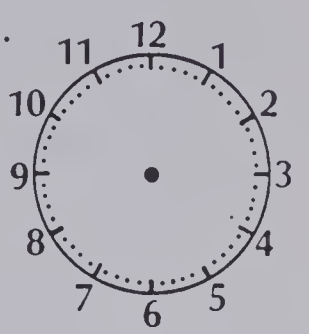
Pages 110-111

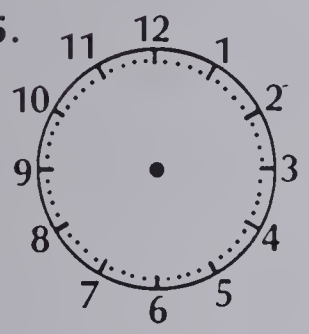
Show the time.

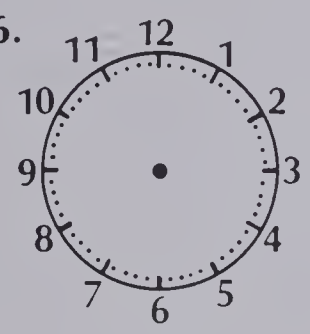
1. 
9:00

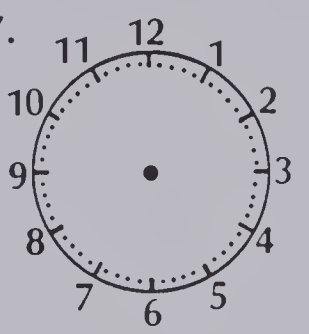
2. 
3:00

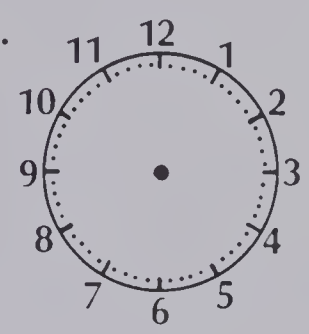
3. 
7:15

4. 
12:30

5. 
4:45

6. 
1:30

7. 
11:45

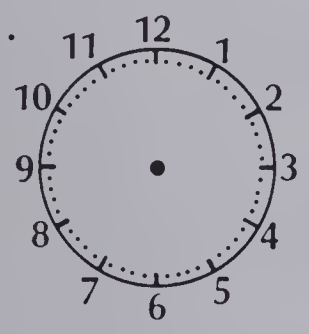
8. 
3:15

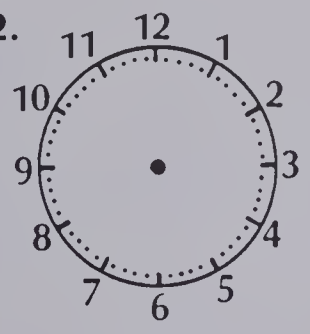
Extra Practice

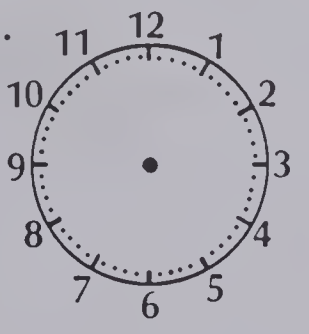
Worksheet M12

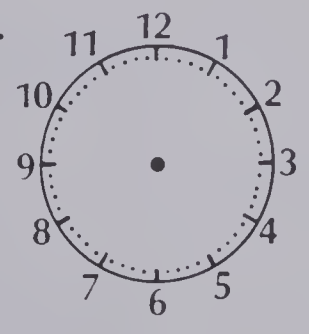
Pages 112-113

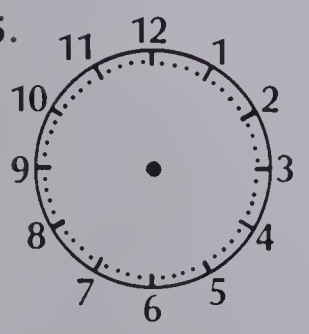
Show the time.

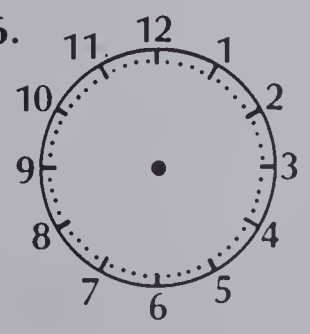
1. 
6:09

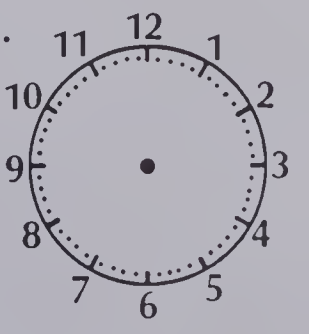
2. 
8:38

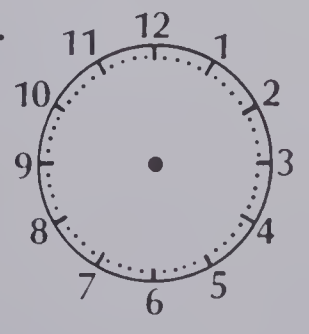
3. 
1:56

4. 
7:27

5. 
11:49

6. 
9:02

7. 
10:18

8. 
3:57

Name _____

Extra Practice

Worksheet PS9-PS10

Pages 114-115

Which is later?

1. 3:50 **or** 5:30
2. 1:10 **or** 1:01
3. 3:35 **or** 3:53
4. 11 a.m. **or** 11 p.m.
5. 3:00 **or** 2:58
6. 2:45 **or** 1:54

What time will it be in 15 minutes?

7. 6:15 _____
8. 3:45 _____
9. 11:50 _____
10. 2:28 _____
11. 6:47 _____
12. 1:53 _____

What time was it 15 minutes earlier?

13. 7:00 _____
14. 5:32 _____
15. 11:08 _____
16. 12:14 _____
17. 10:44 _____
18. 2:10 _____

Extra Practice

Worksheet M13

Pages 116-117

Complete the chart.

Yesterday	Today	Tomorrow
	1984-3-21	
1990-10-3		
		1943-2-8
1976-12-15		
		1989-3-17
	1984-2-1	
	1988-5-31	
		1988-1-2

Name _____

Post-test

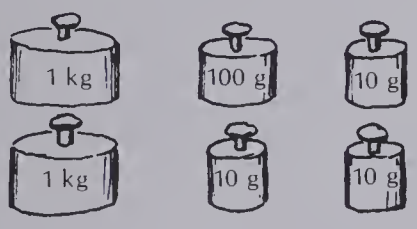
Unit 6

Pick the more reasonable mass and length.

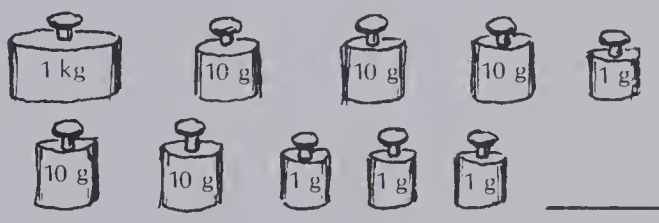
1. 4 m or 5 km
2. 1000 g or 1000 kg

3. 12 cm or 12 m
4. 10 g or 100 g

Find the total mass.

5. 

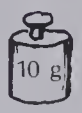
_____

6. 

_____

7. 2

3

6 

9

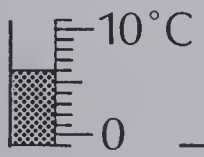
_____

8. 5

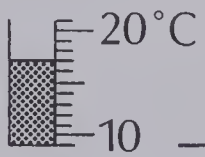
9

_____

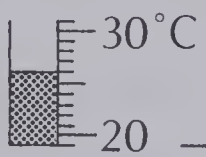
What is the temperature?

9. 

_____

10. 

_____

11. 

_____

What is the time?

12.

_____

13.

_____

14.

_____

15.

_____

16.

_____

17.

_____

Write each date in another way.

18. January 7, 1988 _____

19. 90-12-25 _____

20. 1984-1-2 _____

Name _____

Pretest

Unit 7

Complete.

1. 2, 4, 6, ____, ____, 12
2. ____, ____, ____, 12, 15, 18
3. 4, 8, 12, ____, ____, 24
4. 5, 10, ____, ____, ____, 30
5. 5 + 5 = _____
6. 10 + 5 = _____
7. 15 + 5 = _____
8. 20 + 5 = _____
9. 4 + 4 = _____
10. 2 × 4 = _____
11. 2 × 3 = _____
12. 3 + 3 = _____
13. 3 + 3 + 3 + 3 = _____
14. 4 × 3 = _____
15. 6 × 3 = 3 × _____
16. 4 × 5 = ____ × 4
17. 4 × 9 = 9 × _____
18. 3 × 4 = _____
19. 4 × 3 = _____
20. 1 × 4 = _____
21. 4 × 1 = _____
22. 2 × 6 = _____
23. 3 × 2 = _____
24. 7 × 2 = _____
25. 2 × 9 = _____
26. 2 × 5 = _____
27. 4 × 2 = _____
28. 8 × 2 = _____
29. 2 × 2 = _____
30. 4 × 5 = _____
31. 5 × 3 = _____
32. 8 × 5 = _____
33. 5 × 6 = _____
34. 5 × 9 = _____
35. 5 × 2 = _____
36. 5 × 5 = _____
37. 7 × 5 = _____
38. 3 × 3 = _____
39. 3 × 8 = _____
40. 3 × 4 = _____
41. 3 × 9 = _____
42. 3 × 5 = _____
43. 6 × 3 = _____
44. 3 × 7 = _____
45. 2 × 3 = _____
46. 4 × 5 = _____
47. 4 × 3 = _____
48. 4 × 9 = _____
49. 7 × 4 = _____
50. 4 × 4 = _____
51. 2 × 4 = _____
52. 6 × 4 = _____
53. 4 × 8 = _____

Name _____

Extra Practice

Worksheet N8

Pages 122-123

Complete the patterns.

1. 3, ____, ____, 12, ____, ____
2. 2, ____, ____, 8, ____, ____
3. 4, ____, ____, 16, ____, ____
4. 35, ____, ____, 50, ____, ____
5. 20, ____, ____, 50, ____, ____
6. 2, 4, 6, 8, ____, ____, ____, ____
7. 3, 6, 9, 12, ____, ____, ____, ____
8. 4, 8, 12, 16, ____, ____, ____, ____
9. 15, 20, 25, 30, ____, ____, ____, ____
10. 30, 40, 50, 60, ____, ____, ____, ____

Extra Practice

Worksheet A22

Pages 124-125

1. $5 + 5 + 5 + 5 =$ _____

   4 fives = _____

2. 2 fours = _____

   $2 \times 4 =$ _____

3. $2 + 2 + 2 =$ _____

   $3 \times$ ____ $= 6$

4. $3 + 3 + 3 + 3 =$ _____

   _____ $\times 3 = 12$

5. $7 + 7 =$ _____
6. $2 \times 7 =$ _____
7. $2 + 2 + 2 + 2 =$ _____
8. $4 \times 2 =$ _____
9. $8 + 8 =$ _____
10. $2 \times 8 =$ _____

11. 8 children ate 2 cookies each.
    How many cookies were eaten? _____

12. 3 children bought 7 tarts each.
    How many tarts did they buy? _____

Name _____

Extra Practice

Worksheet A23

Pages 126-127

1. 4 fives = _____
2. 4 × 5 = _____
3. 5 fours = _____
4. 5 × 4 = _____
5. 2 × 4 = _____
6. 4 × 2 = _____
7. 2 × 8 = _____
8. 8 × 2 = _____
9. 1 × 3 = _____
10. 3 × ____ = 1 × 3
11. 3 × 5 = 5 × ____
12. 2 × 6 = ____ × 2

Solve.

13. 2 boxes with 6 pencils in each box. How many pencils in all?
    Draw a picture.

14. 6 bags with 2 marbles in each bag. How many marbles in all?
    Draw a picture.

Extra Practice

Worksheet PS11-PS12

Pages 128-129

Pick the operation. Then solve the problem.

1. 7 apples. 5¢ each. How much in all?

   a. 7 + 5 b. 7 − 5 c. 7 × 5

2. 38 children. 7 are absent. How many are present?

   a. 38 + 7 b. 38 − 7 c. 38 × 7

3. 10 boys. 8 girls. How many children?

   a. 10 + 8 b. 10 − 8 c. 10 × 8

4. 6 marbles in each bag. 4 bags in each box. 3 boxes in all.
   How many bags in all?

   a. 6 × 4 b. 4 × 3 c. 3 × 6

Name _____

Extra Practice

Worksheet A24

Pages 130-131

1. $6 + 6 =$ _____
2. $2 \times 6 =$ _____
3. $6 \times 2 =$ _____
4. $7 + 7 =$ _____
5. $2 \times 7 =$ _____
6. $7 \times 2 =$ _____
7. $8 + 8 =$ _____
8. $2 \times 8 =$ _____
9. $8 \times 2 =$ _____
10. $9 + 9 =$ _____
11. $2 \times 9 =$ _____
12. $9 \times 2 =$ _____
13. $2 \times 5 =$ _____
14. $5 \times 2 =$ _____
15. $2 \times 4 =$ _____
16. $4 \times 2 =$ _____
17. $3 \times 2 =$ _____
18. $2 \times 2 =$ _____

19. 2

How many wheels?

_____

20. 3

How many arms?

_____

Extra Practice

Worksheet A25

Pages 132-133

1. 6 nickels = _____ ¢
2. 9 nickels = _____ ¢
3. 3 nickels = _____ ¢
4. $6 \times 5 =$ _____
5. $9 \times 5 =$ _____
6. $3 \times 5 =$ _____
7. $5 \times 6 =$ _____
8. $5 \times 9 =$ _____
9. $5 \times 3 =$ _____
10. $7 \times 5 =$ _____
11. $4 \times 5 =$ _____
12. $5 \times 4 =$ _____
13. $8 \times 5 =$ _____
14. $5 \times 7 =$ _____
15. $5 \times 5 =$ _____

16. 5¢

How much are 5 cupcakes?

17. 5¢

How much for 8 donuts?

Name _____

Extra Practice

Worksheet A26

Pages 134-135

Multiply.

1. $4 \times 3 =$ _____
2. $1 \times 3 =$ _____
3. $3 \times 3 =$ _____
4. $3 \times 4 =$ _____
5. $3 \times 1 =$ _____
6. $5 \times 3 =$ _____
7. $8 \times 3 =$ _____
8. $6 \times 3 =$ _____
9. $3 \times 2 =$ _____
10. $3 \times 6 =$ _____
11. $9 \times 3 =$ _____
12. $3 \times 8 =$ _____

How many wheels?

13. 6 tricycles _____
14. 8 tricycles _____
15. 4 tricycles _____

Extra Practice

Worksheet A27

Pages 136-137

Multiply.

1. $4 \times 4 =$ _____
2. $4 \times 6 =$ _____
3. $4 \times 3 =$ _____
4. $7 \times 4 =$ _____
5. $4 \times 5 =$ _____
6. $1 \times 4 =$ _____
7. $2 \times 4 =$ _____
8. $9 \times 4 =$ _____
9. $4 \times 8 =$ _____
10. $4 \times 0 =$ _____
11. $4 \times 7 =$ _____
12. $6 \times 4 =$ _____

13. 4 boxes
    9 paper clips in each box
    How many paper clips in all?

Name _____

Post-test

Unit 7

Complete.

1. 4, 8, 12, ____, ____, 24
2. 3, 6, 9, ____, ____, 18
3. ____, ____, ____, 8, 10, 12
4. 5, ____, ____, ____, 25, 30
5. 4 + 4 = _____
6. 8 + 4 = _____
7. 12 + 4 = _____
8. 16 + 4 = _____
9. 3 + 3 = _____
10. 2 × 3 = _____
11. 5 + 5 = _____
12. 2 × 5 = _____
13. 4 + 4 + 4 + 4 = _____
14. 4 × 4 = _____
15. 2 × 3 = 3 × _____
16. 6 × 5 = 5 × _____
17. 4 × 3 = _____ × 4
18. 2 × 3 = _____
19. 3 × 2 = _____
20. 1 × 4 = _____
21. 4 × 1 = _____
22. 2 × 4 = _____
23. 2 × 6 = _____
24. 2 × 0 = _____
25. 2 × 8 = _____
26. 5 × 2 = _____
27. 9 × 2 = _____
28. 2 × 2 = _____
29. 2 × 7 = _____
30. 5 × 5 = _____
31. 3 × 5 = _____
32. 4 × 5 = _____
33. 9 × 5 = _____
34. 2 × 5 = _____
35. 6 × 5 = _____
36. 5 × 7 = _____
37. 5 × 8 = _____
38. 4 × 3 = _____
39. 9 × 3 = _____
40. 3 × 3 = _____
41. 3 × 1 = _____
42. 5 × 3 = _____
43. 3 × 6 = _____
44. 8 × 3 = _____
45. 7 × 3 = _____
46. 4 × 8 = _____
47. 4 × 9 = _____
48. 6 × 4 = _____
49. 4 × 2 = _____
50. 3 × 4 = _____
51. 7 × 4 = _____
52. 4 × 4 = _____
53. 4 × 5 = _____

Name _____

Pretest

Unit 8

Complete.

1. $12 \div 4 =$ ____
2. $12 \div 3 =$ ____

3. $12 \div 2 =$ ____
4. $12 \div 6 =$ ____

5. $3 \times 6 =$ ____
6. $18 \div 6 =$ ____
7. $4 \times 4 =$ ____
8. $16 \div 4 =$ ____
9. $12 \div 2 =$ ____
10. $8 \div 2 =$ ____
11. $16 \div 2 =$ ____
12. $4 \div 2 =$ ____
13. $18 \div 2 =$ ____
14. $10 \div 2 =$ ____
15. $14 \div 2 =$ ____
16. $6 \div 2 =$ ____
17. $35 \div 5 =$ ____
18. $20 \div 5 =$ ____
19. $15 \div 5 =$ ____
20. $45 \div 5 =$ ____
21. $25 \div 5 =$ ____
22. $30 \div 5 =$ ____
23. $5 \div 5 =$ ____
24. $40 \div 5 =$ ____
25. $15 \div 3 =$ ____
26. $6 \div 3 =$ ____
27. $18 \div 3 =$ ____
28. $24 \div 3 =$ ____
29. $9 \div 3 =$ ____
30. $27 \div 3 =$ ____
31. $3 \div 3 =$ ____
32. $21 \div 3 =$ ____
33. $24 \div 4 =$ ____
34. $20 \div 4 =$ ____
35. $8 \div 4 =$ ____
36. $12 \div 4 =$ ____
37. $16 \div 4 =$ ____
38. $28 \div 4 =$ ____
39. $36 \div 4 =$ ____
40. $32 \div 4 =$ ____
41. $0 \div 5 =$ ____
42. $6 \div 1 =$ ____
43. $0 \div 9 =$ ____
44. $2 \div 1 =$ ____

45. 6 bicycles
How many wheels?

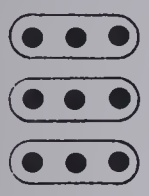
46. 12 wheels
How many tricycles?

Name _____

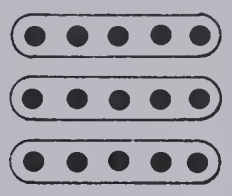
Extra Practice

Worksheet A28
Pages 142-143

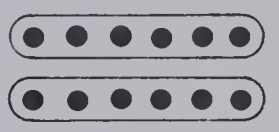
Copy and complete the division equation.

1. 

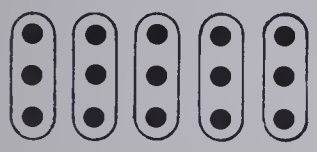
   $9 \div 3 = \blacksquare$

2. 

   $15 \div 5 = \blacksquare$

3. 

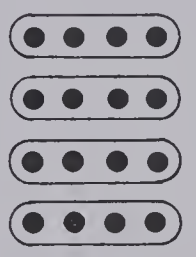
   $12 \div 6 = \blacksquare$

4. 

   $15 \div 3 = \blacksquare$

5.

   $12 \div 2 = \blacksquare$

6. 

   $16 \div 4 = \blacksquare$

Extra Practice

Worksheet A29
Pages 144-145

Complete.

1. $2 \times 6 = \_\_\_\_$

   $12 \div 6 = \_\_\_\_$

2. $6 \times 2 = \_\_\_\_$

   $12 \div 2 = \_\_\_\_$

3. $2 \times 4 = \_\_\_\_$

   $8 \div 4 = \_\_\_\_$

4. $4 \times 2 = \_\_\_\_$

   $8 \div 2 = \_\_\_\_$

5. $3 \times 3 = \_\_\_\_$

   $9 \div 3 = \_\_\_\_$

6. $2 \times 2 = \_\_\_\_$

   $4 \div 2 = \_\_\_\_$

7. $7 \times 3 = 21$

   $21 \div 3 = \_\_\_\_$

8. $6 \times 3 = 18$

   $18 \div 3 = \_\_\_\_$

9. $9 \times 3 = 27$

   $27 \div 3 = \_\_\_\_$

Name _____

Extra Practice

Worksheet A30

Pages 146-147

Write the quotient.

1. $6 \div 2 =$ ____
2. $14 \div 2 =$ ____
3. $8 \div 2 =$ ____
4. $18 \div 2 =$ ____
5. $10 \div 2 =$ ____
6. $2 \div 2 =$ ____
7. $16 \div 2 =$ ____
8. $12 \div 2 =$ ____
9. $4 \div 2 =$ ____

Write the missing factor.

10. ____ $\times 2 = 8$
11. ____ $\times 2 = 18$
12. ____ $\times 2 = 2$
13. ____ $\times 2 = 10$
14. ____ $\times 2 = 16$
15. ____ $\times 2 = 12$

Extra Practice

Worksheet A31

Pages 148-149

Write the quotient.

1. $15 \div 5 =$ ____
2. $40 \div 5 =$ ____
3. $5 \div 5 =$ ____
4. $25 \div 5 =$ ____
5. $10 \div 5 =$ ____
6. $45 \div 5 =$ ____
7. $20 \div 5 =$ ____
8. $35 \div 5 =$ ____
9. $30 \div 5 =$ ____

Write the missing factor.

10. ____ $\times 5 = 10$
11. ____ $\times 5 = 40$
12. ____ $\times 5 = 20$
13. ____ $\times 5 = 15$
14. ____ $\times 5 = 45$
15. ____ $\times 5 = 25$

Name _____

Extra Practice

Worksheet A32

Pages 150-151

Write the quotient.

1. $12 \div 3 =$ ____
2. $24 \div 3 =$ ____
3. $9 \div 3 =$ ____
4. $15 \div 3 =$ ____
5. $21 \div 3 =$ ____
6. $3 \div 3 =$ ____
7. $18 \div 3 =$ ____
8. $27 \div 3 =$ ____
9. $6 \div 3 =$ ____

Write the missing factor.

10. ____ $\times 3 = 21$
11. ____ $\times 3 = 15$
12. ____ $\times 3 = 24$
13. ____ $\times 3 = 3$
14. ____ $\times 3 = 27$
15. ____ $\times 3 = 9$

Extra Practice

Worksheet A33

Pages 152-153

Write the quotient.

1. $12 \div 4 =$ ____
2. $24 \div 4 =$ ____
3. $4 \div 4 =$ ____
4. $32 \div 4 =$ ____
5. $20 \div 4 =$ ____
6. $8 \div 4 =$ ____
7. $36 \div 4 =$ ____
8. $28 \div 4 =$ ____
9. $16 \div 4 =$ ____

Write the missing factor.

10. ____ $\times 4 = 32$
11. ____ $\times 4 = 4$
12. ____ $\times 4 = 20$
13. ____ $\times 4 = 28$
14. ____ $\times 4 = 12$
15. ____ $\times 4 = 36$

Name _____

Extra Practice

Worksheet A34

Pages 154-155

Divide.

1. $3 \div 1 =$ ____
2. $6 \div 1 =$ ____
3. $8 \div 1 =$ ____
4. $0 \div 2 =$ ____
5. $0 \div 5 =$ ____
6. $0 \div 9 =$ ____
7. $4 \div 1 =$ ____
8. $0 \div 4 =$ ____
9. $8 \div 8 =$ ____

Write the missing factor.

10. ____ $\times 1 = 6$
11. ____ $\times 7 = 7$
12. ____ $\times 9 = 0$
13. ____ $\times 8 = 0$
14. ____ $\times 1 = 5$
15. ____ $\times 1 = 0$

Extra Practice

Worksheet PS13-PS14

Pages 156-157

1. Mary had 45¢ in nickels.
   How many nickels did she have?

2. The Bicycle Shop put new tires on 6 used bikes.
   How many tires did they use?

3. Jo has a bicycle and an old tricycle.
   How many wheels does she have?

4. Joan has 18¢ in dimes, nickels, and pennies.
   How many pennies does she have?

Name _____

Post-test

Unit 8

Complete.

1. 18 ÷ 2 = ____
2. 18 ÷ 3 = ____
3. ____ × 9 = 18
4. 18 ÷ 9 = ____
5. 3 × 4 = ____
6. 12 ÷ 4 = ____
7. 3 × 3 = ____
8. 9 ÷ 3 = ____
9. 18 ÷ 2 = ____
10. 2 ÷ 2 = ____
11. 10 ÷ 2 = ____
12. 14 ÷ 2 = ____
13. 8 ÷ 2 = ____
14. 16 ÷ 2 = ____
15. 12 ÷ 2 = ____
16. 4 ÷ 2 = ____
17. 25 ÷ 5 = ____
18. 30 ÷ 5 = ____
19. 10 ÷ 5 = ____
20. 40 ÷ 5 = ____
21. 35 ÷ 5 = ____
22. 20 ÷ 5 = ____
23. 15 ÷ 5 = ____
24. 45 ÷ 5 = ____
25. 3 ÷ 3 = ____
26. 27 ÷ 3 = ____
27. 12 ÷ 3 = ____
28. 21 ÷ 3 = ____
29. 15 ÷ 3 = ____
30. 6 ÷ 3 = ____
31. 24 ÷ 3 = ____
32. 18 ÷ 3 = ____
33. 16 ÷ 4 = ____
34. 36 ÷ 4 = ____
35. 28 ÷ 4 = ____
36. 36 ÷ 9 = ____
37. 20 ÷ 4 = ____
38. 24 ÷ 4 = ____
39. 8 ÷ 4 = ____
40. 12 ÷ 4 = ____
41. 9 ÷ 1 = ____
42. 0 ÷ 8 = ____
43. 0 ÷ 1 = ____
44. 5 ÷ 1 = ____
45. 10 motorcycles
    How many wheels?
46. 8 triangles
    How many sides?

Name _____

Pretest

Unit 9

Add.

1. 264 + 713

2. 175 + 205

3. 317 + 476

4. 328 + 519

5. 276 + 592

6. 694 + 54

7. 273 + 126

8. 368 + 371

9. 297 + 186

10. 589 + 349

11. 475 + 276

12. 165 + 135

13. 45 + 82

14. 67 + 95 + 48

15. 23 + 37 + 86

16. 46 + 29 + 88

17. 367 + 184 + 395

18. 136 + 478 + 219

19. 346 + 227 + 182

20. 164 + 599 + 138

Round to the nearest hundred.

21. 73

22. 426

23. 765

24. 292

Estimate the sum.

25. 421 + 117

26. 675 + 19

27. 814 + 109

28. 663 + 298

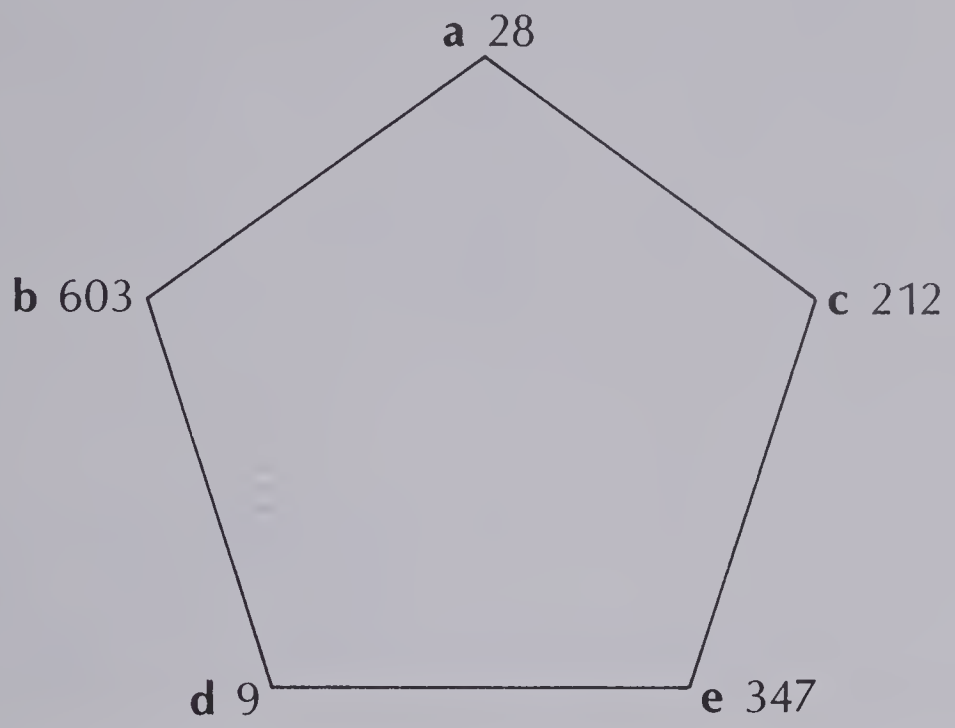
Name _____

Extra Practice

Worksheet A35

Pages 162-163

Find ten pairs of numbers. Add each pair.
That's ten problems!



1. 2.

3. 4.

5. 6.

7. 8.

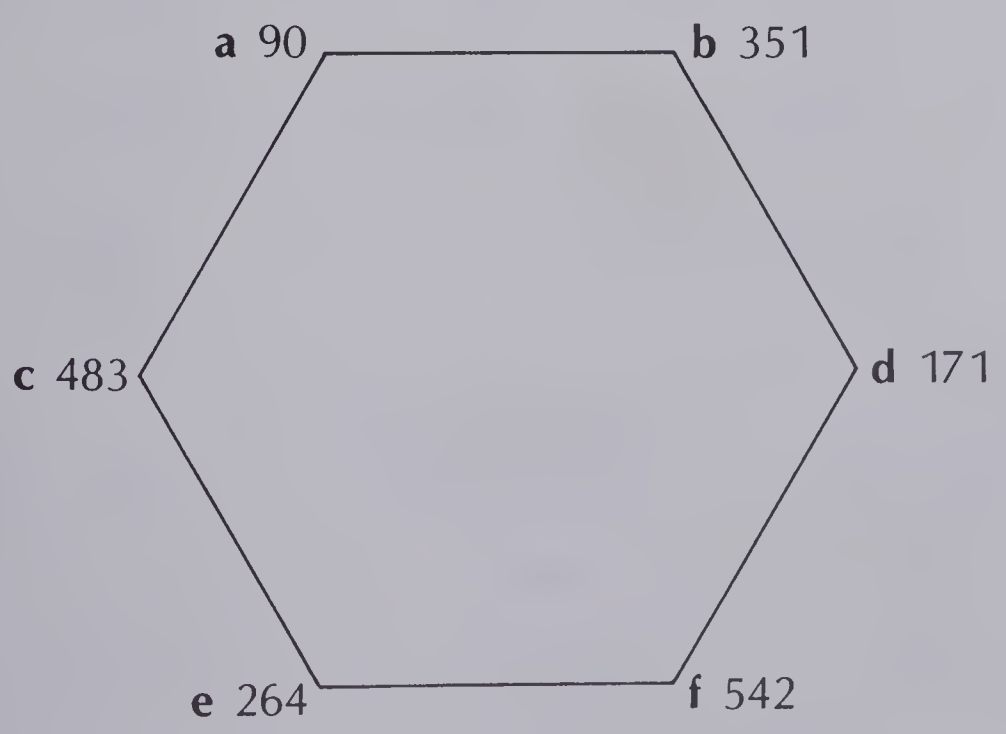
9. 10.

Extra Practice

Worksheet A36

Pages 164-165

Find twelve pairs of numbers. Add each pair.
That's twelve problems!



1. 2.

3. 4.

5. 6.

7. 8.

9. 10.

11. 12.

Name _____

Extra Practice

Worksheet A37

Pages 166-167

Add.

1. 239 +328	**2.** 678 +178	**3.** 426 +487	**4.** 345 + 72	**5.** 792 + 49
6. 461 +170	**7.** 786 + 49	**8.** 420 +180	**9.** 356 +344	**10.** 178 + 9

Solve.

11. Kim bounced a ball 128 times.
Skip bounced a ball 152 times.
How many times in all did they bounce the ball?

_____

Extra Practice

Worksheet A38

Pages 168-169

Find each answer using ¢.
Then rewrite the answer using $.

1. 56¢ 78¢ +21¢	**2.** 68¢ 74¢ +21¢	**3.** 88¢ 88¢ +88¢	**4.** 43¢ 78¢ +29¢	**5.** 57¢ 90¢ +81¢

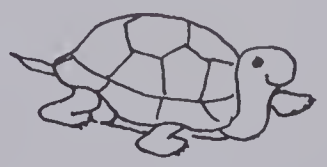
6. 35¢ + 28¢ + 79¢

7. 63¢ + 20¢ + 8¢

8. two fish and a snail

9. a turtle and two snails

10. a fish and two turtles



89¢

turtle

45¢

fish

36¢

snail

Name _____

Extra Practice

Worksheet A39

Pages 170-171

Add.

1. 365 295 + 21	**2.** 564 198 + 198	**3.** 638 41 + 149	**4.** 254 76 + 9	**5.** 283 176 + 195
6. 196 85 + 397	**7.** 128 496 + 112	**8.** 354 298 + 199	**9.** 89 256 + 472	**10.** 503 174 + 86

11. 43 + 178 + 267

12. 5 + 89 + 456

13. 346 + 9 + 82

14. 11 + 9 + 721

Extra Practice

Worksheet N9

Pages 172-173

Complete.

Numeral	Nearest ten	Nearest hundred
1. 72		
2. 247		
3. 96		
4. 185		
5. 303		
6. 534		
7. 629		
8. 375		

Name _____

Extra Practice

Worksheet A40

Pages 174-175

Estimate the sum. Complete the message below.

(M)	37 +62	(S)	22 +31	(A)	17 +38	(T)	64 +98	(R)	96 +43
(O)	172 +409	(I)	278 +164	(Y)	312 + 24	(E)	686 + 19	(U)	315 + 97

___	___	___	___	___	___	___	___		
700	50	160	500	100	60	160	700		
___	___	___	___		___	___	___	___	
300	600	400	140		50	400	100	50	

Extra Practice

Worksheet PS15-PS16

Pages 176-177

Make change. Use the fewest coins possible.

Cost	(1¢)	(5¢)	(10¢)	(25¢)	Money Paid
1. 21¢					$1.00
2. 63¢					$1.00
3. 35¢					$1.00
4. 84¢					$1.00
5. 98¢					$1.00
6. 75¢					$1.00
7. 12¢					$1.00
8. 54¢					$1.00

Name _____

Post-test

Unit 9

Add.

1. 356 + 143	**2.** 243 + 30	**3.** 307 + 504	**4.** 872 + 9
5. 365 + 364	**6.** 278 + 481	**7.** 784 + 75	**8.** 241 + 90
9. 624 + 198	**10.** 583 + 37	**11.** 276 + 157	**12.** 812 + 88
13. 21 32 + 46	**14.** 36 46 + 54	**15.** 28 38 + 57	**16.** 99 88 + 77
17. 356 121 + 212	**18.** 264 387 + 112	**19.** 285 275 + 365	**20.** 176 376 + 476

Round to the nearest hundred.

21. 92	**22.** 36	**23.** 428	**24.** 350

Estimate the sum.

25. 307 + 225	**26.** 575 + 185	**27.** 354 + 440	**28.** 732 + 96

Name _____

Pretest

Unit 10

Subtract.

1. 752 − 127	**2.** 694 − 225	**3.** 578 − 349	**4.** 452 − 213	**5.** 875 − 527
6. 826 − 186	**7.** 935 − 93	**8.** 716 − 424	**9.** 429 − 273	**10.** 845 − 591
11. 914 − 85	**12.** 723 − 467	**13.** 842 − 594	**14.** 611 − 232	**15.** 543 − 179
16. 400 − 135	**17.** 406 − 127	**18.** 406 − 126	**19.** 900 − 26	**20.** 801 − 39

Find the difference.

21. 358 and 642

22. 417 and 258

23. $4.53 and $7.08

24. $9.15 and $7.49

25. $1.95 and $0.99

26. $4.58 and $6.05

Solve. Show both steps.

27. Mary has $6.31.
She spent $1.75 of it.
If she gets $3.20 more, how much will she have?

Name _____

Extra Practice

Worksheet A41

Pages 182-183

Subtract.

To find the name of a city, unscramble the letters used.

734 − 528	576 − 246	460 − 380	247 − 92
364 − 148	678 − 198	382 − 9	856 − 407
720 − 115	485 − 269	349 − 25	571 − 428

A	324	N	143
C	373	O	449
D	448	R	330
E	605	U	155
F	374	V	216
I	615	W	331

City: _____

Extra Practice

Worksheet A42

Pages 184-185

Change to vertical form. Then subtract.

1. 386 − 92
2. 528 − 438
3. 716 − 43
4. 634 − 234
5. 785 − 784
6. 635 − 92
7. 423 − 382
8. 928 − 727
9. 456 − 386

Name _____

Extra Practice

Worksheet A43

Pages 186-187

Subtract.

To find the name of a prairie province, unscramble the letters used.

536 − 287	415 − 87	124 − 104	320 − 186
886 − 92	734 − 9	222 − 133	418 − 109
385 − 126	469 − 85	247 − 48	677 − 670

S	165	T	134
A	328	W	385
K	482	O	794
N	89	B	384
A	725	I	309
S	724	M	199

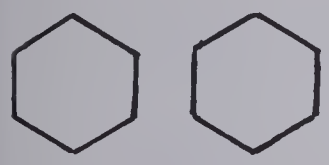
Province: _____

Extra Practice

Worksheet G2

Pages 188-189

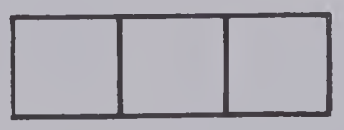
Match the numbers or objects that are equal in amount.



389 − 24

411 − 399

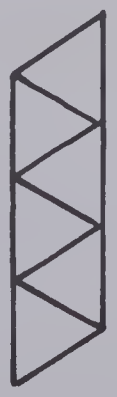
610 − 575



5 × 7

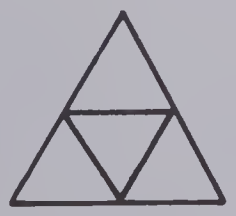
430 − 302

7 × 4

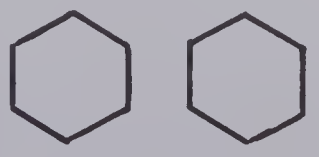


735 − 176

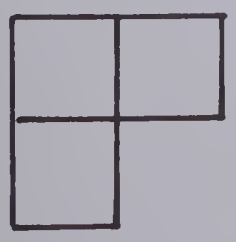
642 − 83



435 − 70



3 × 4



Name _____

Extra Practice

Worksheet A44

Pages 190-191

Subtract.

To find the name of a city, unscramble the letters used.

402 − 164	301 − 287	609 − 80	106 − 59
500 − 56	100 − 21	700 − 640	200 − 43
308 − 109	702 − 387	428 − 209	606 − 207

W	248	D	443
O	157	R	529
T	399	O	47
I	148	A	59
N	14	T	199
S	434	O	219

City: _____

Extra Practice

Worksheet M14

Pages 192-193

Subtract.

To find the name of a city, unscramble the letters used.

$6.35 − 0.48	$4.32 − 0.65	$3.28 − 2.84	$7.42 − 7.00
$8.00 − 3.27	$4.02 − 1.06	$5.25 − 1.75	$6.00 − 1.24
$1.38 − 1.19	$2.60 − 0.70	$4.04 − 3.45	$8.69 − 0.89

Q	$6.87	A	$2.96
B	$0.34	C	$3.96
T	$0.42	O	$3.50
R	$0.59	L	$4.73
E	$5.87	N	$4.76
U	$1.80	M	$7.80

City: _____

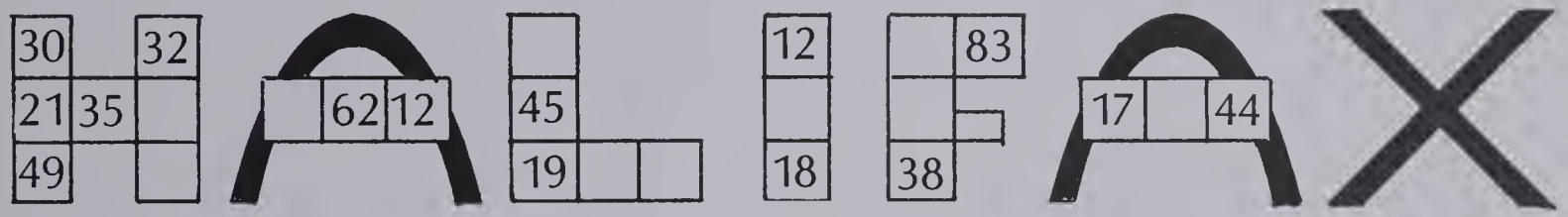
Name _____

Extra Practice

Worksheet PS17-PS18

Pages 194-195

Make each row and column have the same sum.

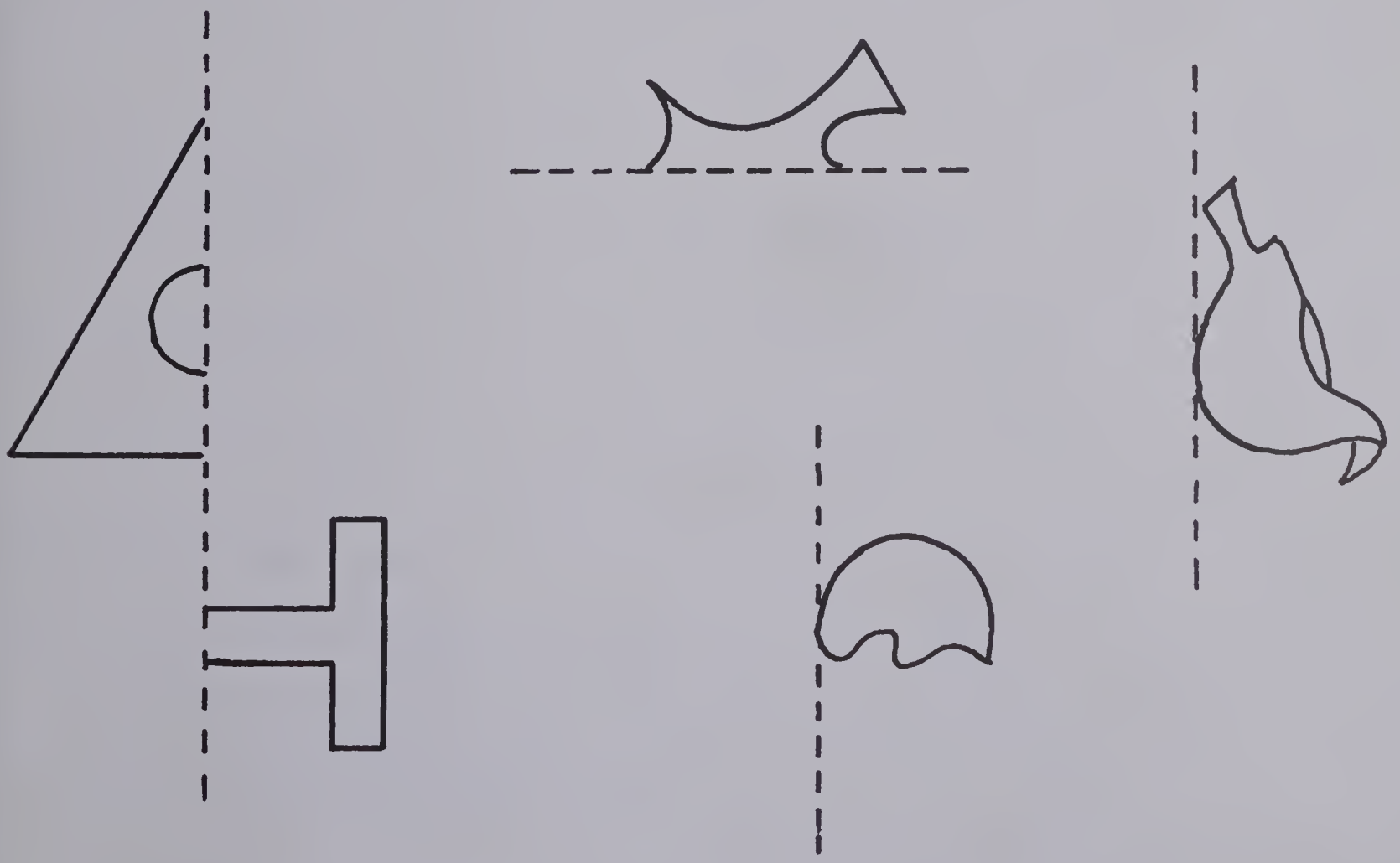


Extra Practice

Worksheet G3

Pages 196-197

Complete the figure so that it is symmetric.



Name _____

Post-test

Unit 10

Subtract.

1. 491 − 133	2. 780 − 425	3. 562 − 324	4. 874 − 639	5. 753 − 214
6. 538 − 65	7. 627 − 252	8. 813 − 391	9. 768 − 496	10. 546 − 283
11. 726 − 169	12. 322 − 287	13. 541 − 359	14. 813 − 524	15. 646 − 458
16. 300 − 136	17. 204 − 25	18. 800 − 651	19. 602 − 438	20. 500 − 224

Find the difference.

21. 601 and 413

22. 82 and 541

23. $7.84 and $9.23

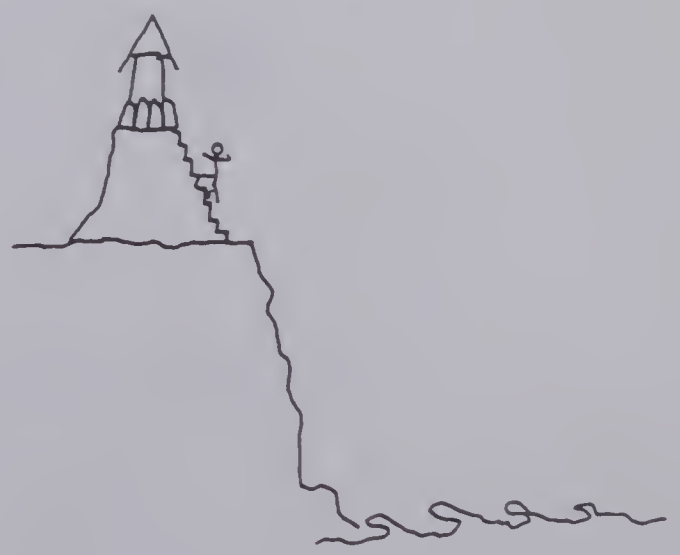
24. $1.45 and $0.99

25. $4.32 and $1.19

26. $0.89 and $1.12

Solve. Show both steps.

27. A cliff is 290 m above the water. A tower on the cliff is 35 m tall. Jim is 17 m below the tower's top. How far is Jim from the water?

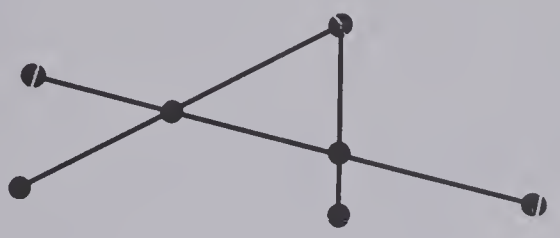


Name _____

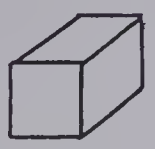
Pretest

Unit 11

1. Circle each intersection point. How many? _____

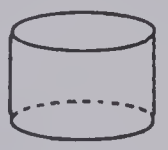


Name each solid.

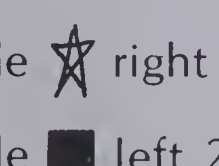
2.  _____

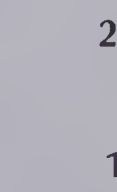
3. _____

4. _____

5.  _____

How many faces?

6.  _____

7.  _____

8. _____

How many edges and corners?

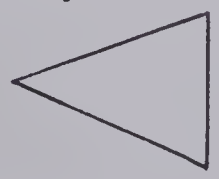
9. box: _____ edges and _____ corners.

10. pyramid: _____ edges and _____ corners.

11. cylinder: _____ edges and _____ corners.

Write **different**, **same shape**, or **same size and shape**.

12. _____

13.  _____

14. _____

Colour the square.

15. (2, 1)

16. (3, 3)

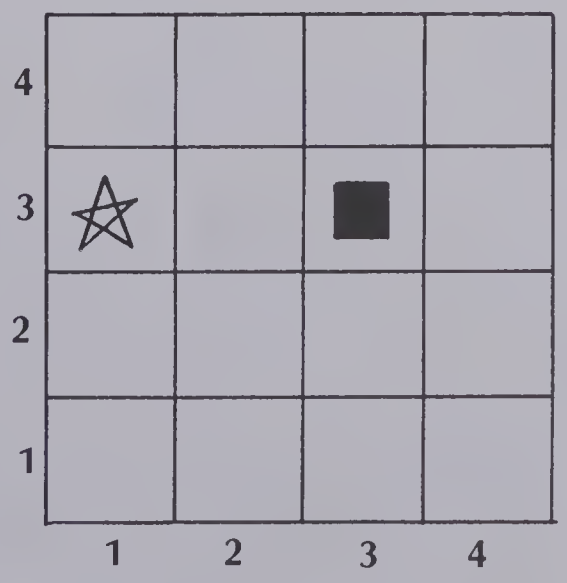
17. (1, 4)

18. (4, 2)

Draw in the new square.

19. Slide ☆ right 2, up 1.

20. Slide ■ left 2, down 1.



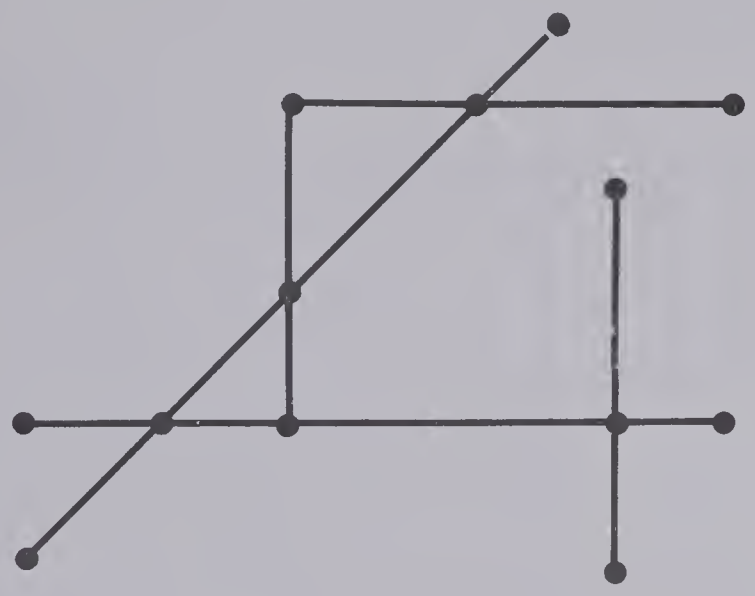
Name _____

Extra Practice

Worksheet G4

Pages 202-203

1. Circle 5 intersection points.
2. Check (✓) 5 endpoints.
3. Colour 5 line segments.



4. Draw a figure with 4 line segments, 4 intersection points, and 8 endpoints.

Hint: Use 4 toothpicks.

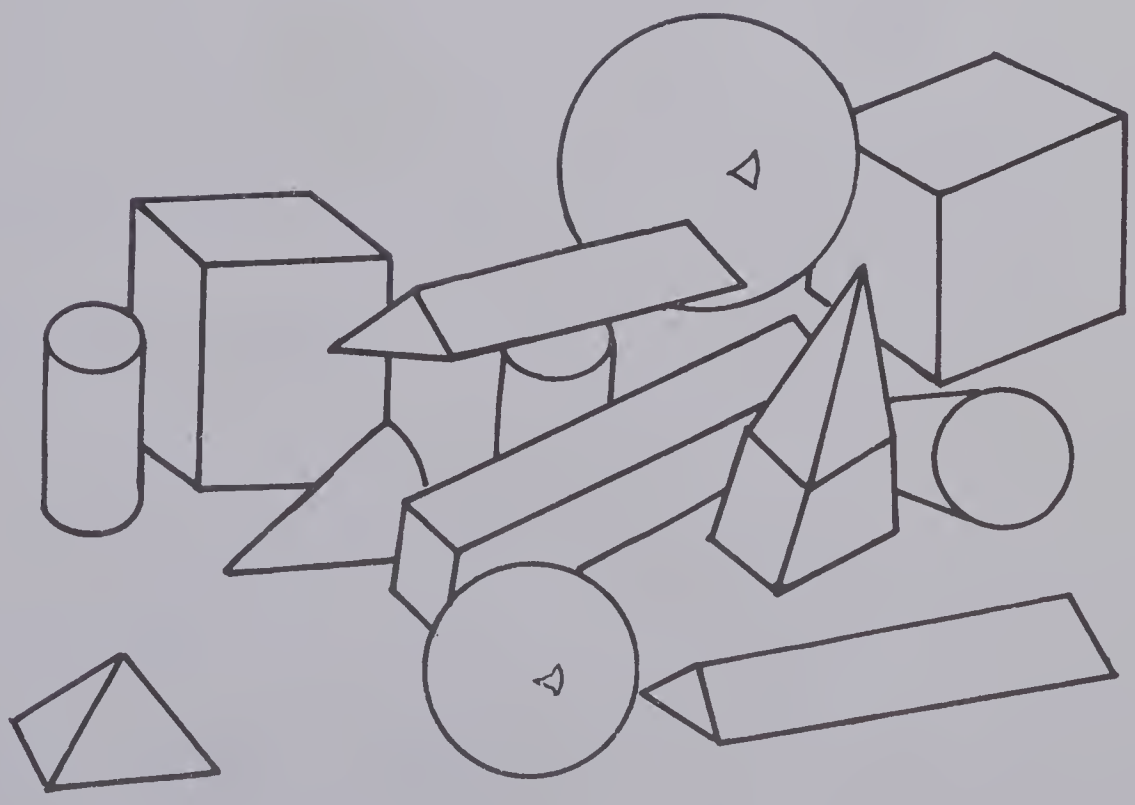
Extra Practice

Worksheet G5

Pages 204-205

Colour the solids as shown.

cubes:	blue
boxes:	green
cones:	brown
spheres:	orange
cylinders:	red
prisms (triangular):	yellow
pyramids:	purple



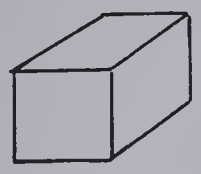
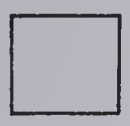
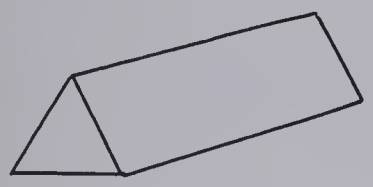
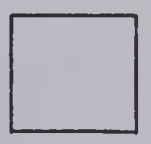
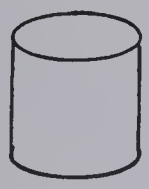
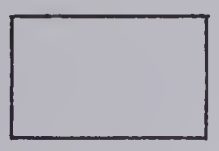
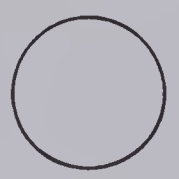
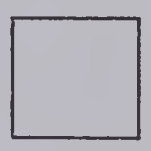
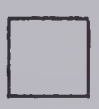
Name _____

Extra Practice

Worksheet G6

Pages 206-207

Colour the kinds of faces each solid has.

	1. 		
	2.		
	3. 		
	4. 		

Extra Practice

Worksheet G7

Pages 208-209

Fill in the blank with the best word.

1. A _____ has two curved edges.

2. A square has 4 sides. A cube has 12 _____.

3. A _____ has 0 edges and no corners.

4. A box has 8 _____.

5. A cone has one _____ edge.

curved	ball	corners	edges	can

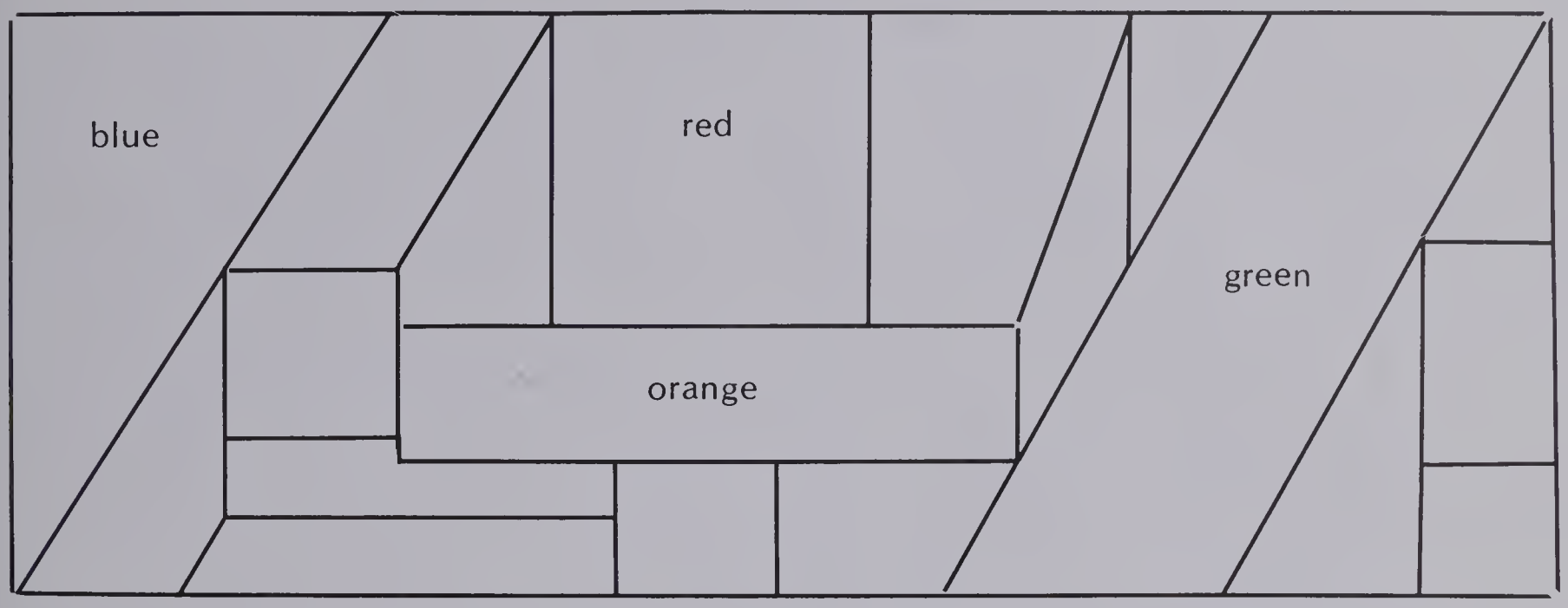
Name _____

Extra Practice

Worksheet G8

Pages 210-211

Colour figures with the same shape.

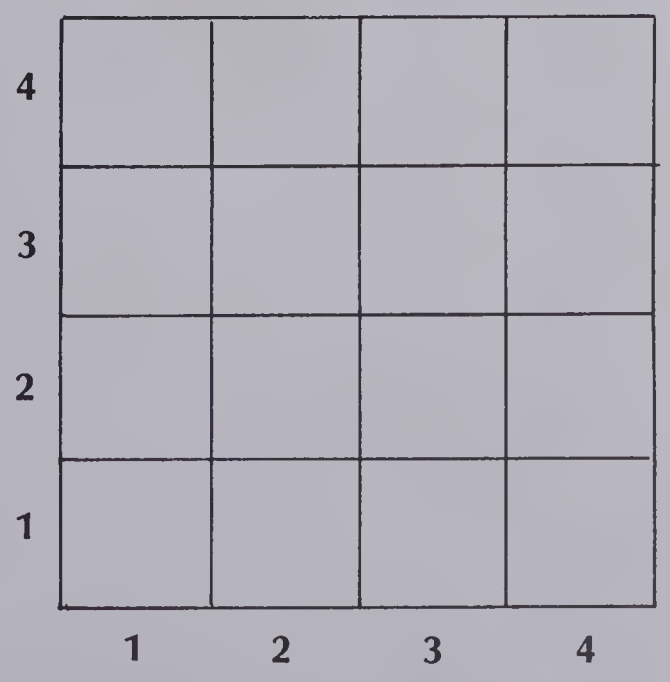


Extra Practice

Worksheet GR2

Pages 212-213

Colour the grid as shown.
blue (1, 3) (2, 4) (4, 1)
red (1, 4) (3, 1) (4, 2)
green (1, 2) (3, 2) (3, 4)
orange (2, 1) (2, 3) (4, 3)
brown (1, 1) (3, 3)
yellow (2, 2) (4, 4)



Name _____

Extra Practice

Worksheet G9

Pages 214-215

Slide and print these words on the grid.

blue: right 3
green: down 2
brown: left 2, down 2
orange: right 2, up 1
purple: left 1, up 3
red: left 1, up 1

Now colour each square with its new name.

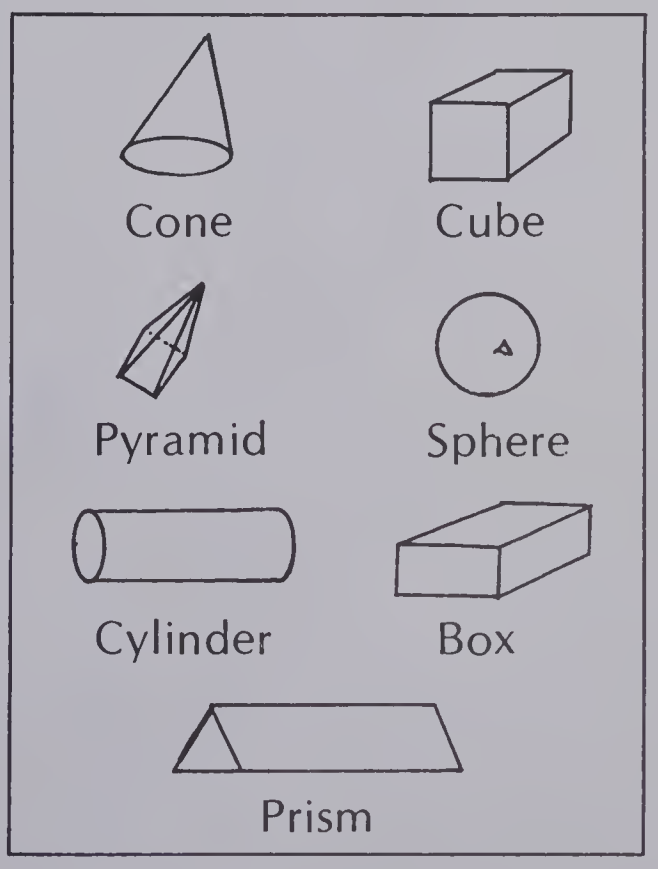
4	blue		brown	
3		green		green
2		red		red
1	orange		purple	
	1	2	3	4

Extra Practice

Worksheet PS19-PS20

Pages 216-217

1. List the solids with corners.
2. List the solids with less than 6 faces.
3. Which solids are in both lists?
4. Which solids are in neither list?

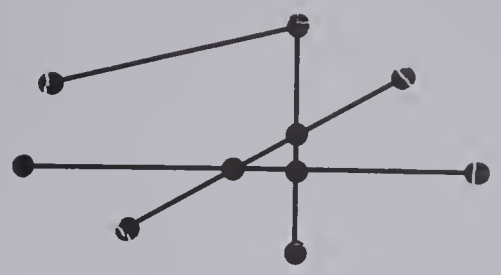


Name _____

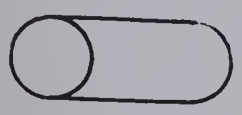
Post-test

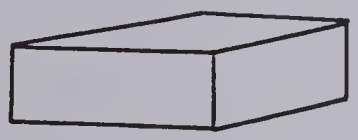
Unit 11

1. How many intersection points? _____



Name each solid.

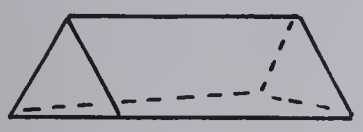
2.  _____

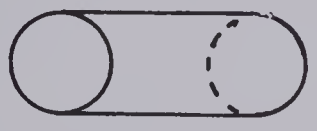
3.  _____

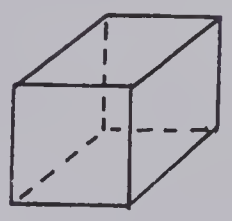
4. _____

5. _____

How many faces?

6.  _____

7.  _____

8.  _____

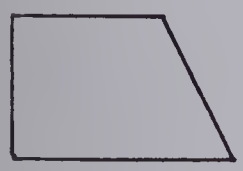
How many edges and corners?

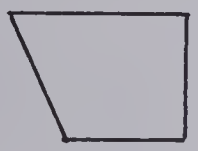
9. pyramid: _____ edges and _____ corners.

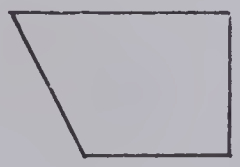
10. cone: _____ edges and _____ corners.

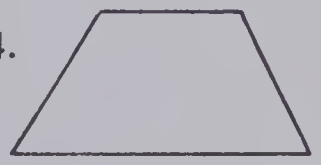
11. cube: _____ edges and _____ corners.

Write **different**, **same shape**, or **same size and shape**.



12.  _____

13.  _____

14.  _____

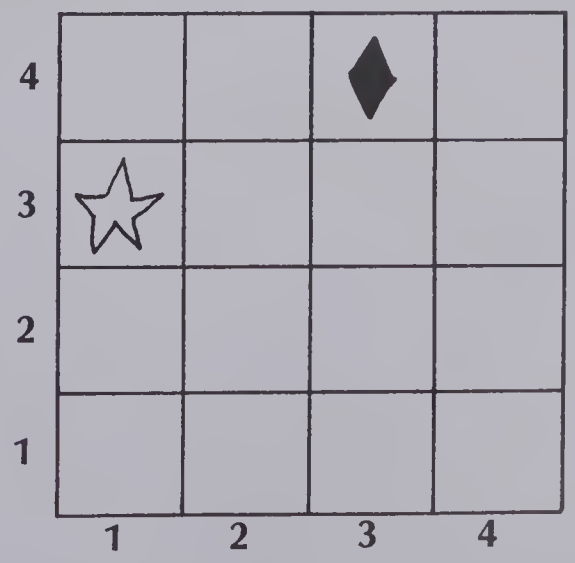
Colour the square.

15. (3, 1)

16. (2, 4)

17. (1, 2)

18. (4, 3)



Draw in the new square.

19. Slide ☆ right 3, down 1.

20. Slide ♦ left 1, down 2.

Name _____

Pretest

Unit 12

Multiply.

1. $3 \times 5 =$ ____

2. $\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$

3. $6 \times 2 =$ ____

4. $\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$

5. $4 \times 8 =$ ____

6. $\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$

7. $5 \times 5 =$ ____

8. $\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$

9. $\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$

10. $\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$

11. $\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$

12. $\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$

13. $\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$

14. $\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$

15. $\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$

16. $\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$

17. $\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$

18. $\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$

19. $\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$

20. $\begin{array}{r} 0 \\ \times 7 \\ \hline \end{array}$

21. $\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$

22. $\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$

23. $\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$

24. $\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$

25. $\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$

26. $\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$

27. $\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$

28. $\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$

29. $\begin{array}{r} 1 \\ \times 8 \\ \hline \end{array}$

30. $\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$

31. $\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$

32. $\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$

33. $\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$

34. $\begin{array}{r} 0 \\ \times 9 \\ \hline \end{array}$

35. $\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$

36. $\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$

37. $\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$

38. $\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$

39. $3 \times 9 =$ ____

40. $9 \times 9 =$ ____

Name _____

Extra Practice

Worksheet A45
Pages 222-223

Multiply.

1. $4 \times 3 =$ ____
2. $2 \times 8 =$ ____
3. $3 \times 5 =$ ____
4. $3 \times 7 =$ ____

5. $\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$
6. $\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$
7. $\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$
8. $\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$

9. $\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$
10. $\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$
11. $\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$
12. $\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$

13. $\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$
14. $\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$
15. $\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$
16. $\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$

Extra Practice

Worksheet A46
Pages 224-225

Multiply.

1. $\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$
2. $\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$
3. $\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$
4. $\begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$
5. $\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$

6. $\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$
7. $\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$
8. $\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$
9. $\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$
10. $\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$

11. $\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$
12. $\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$
13. $\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$
14. $\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$
15. $\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$

Name _____

Extra Practice

Worksheet A47

Pages 226-227

Multiply.

1. $\begin{array}{r} 7 \\ \times 2 \\ \hline \end{array}$	**2.** $\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$	**3.** $\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$	**4.** $\begin{array}{r} 1 \\ \times 7 \\ \hline \end{array}$	**5.** $\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$
6. $\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$	**7.** $\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$	**8.** $\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$	**9.** $\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$	**10.** $\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$
11. $\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$	**12.** $\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$	**13.** $\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$	**14.** $\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$	**15.** $\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$

Extra Practice

Worksheet GR3

Pages 228-229

☐ stands for 5 hockey cards.

Phil	☐☐☐☐☐☐☐
Tina	☐☐☐☐

1. Who has fewer hockey cards? _____
2. How many hockey cards does Phil have? _____
3. How many more does Phil have than Tina? _____
4. Draw more cards on the pictograph to show Phil has 40 cards and Tina has 30 cards.

Name _____

Extra Practice

Worksheet A48

Pages 230-231

Multiply.

1. 8 × 2 = ____	**2.** 5 × 8 = ____	**3.** 8 × 4 = ____	**4.** 3 × 8 = ____	**5.** 1 × 8 = ____
6. 6 × 8 = ____	**7.** 8 × 7 = ____	**8.** 9 × 8 = ____	**9.** 8 × 8 = ____	**10.** 7 × 7 = ____
11. 8 × 9 = ____	**12.** 8 × 6 = ____	**13.** 9 × 5 = ____	**14.** 7 × 8 = ____	**15.** 4 × 8 = ____

Extra Practice

Worksheet A49

Pages 232-233

Multiply.

1. 9 × 3 = ____	**2.** 2 × 9 = ____	**3.** 9 × 5 = ____	**4.** 4 × 9 = ____	**5.** 1 × 9 = ____
6. 7 × 9 = ____	**7.** 6 × 9 = ____	**8.** 9 × 9 = ____	**9.** 9 × 8 = ____	**10.** 7 × 6 = ____
11. 6 × 9 = ____	**12.** 8 × 8 = ____	**13.** 9 × 7 = ____	**14.** 5 × 8 = ____	**15.** 8 × 9 = ____

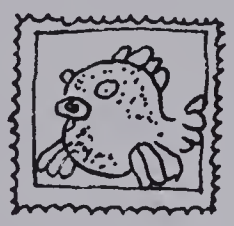
Name _____

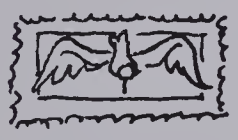
Extra Practice

Worksheet M15

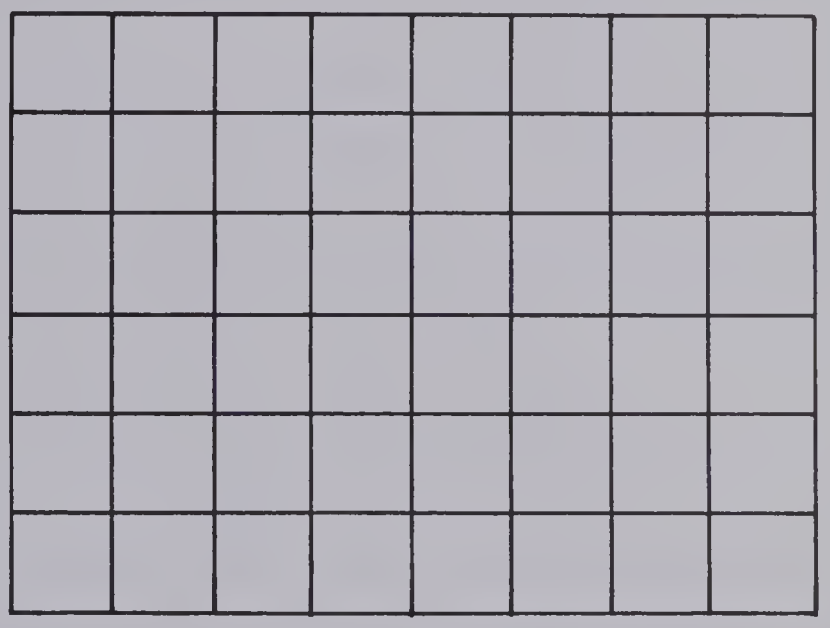
Pages 234-235

Find the area of the rectangle.

_____  stamps

_____  stamps

_____ square centimetres



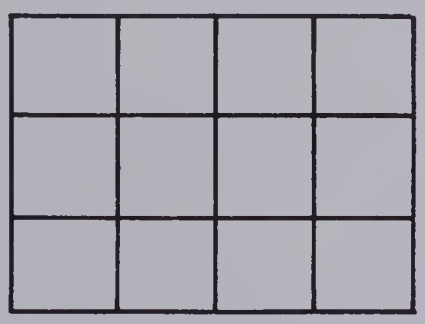
Extra Practice

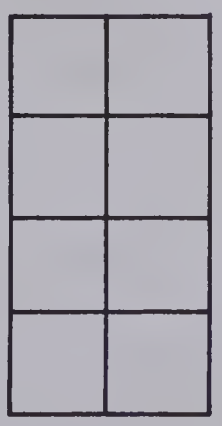
Worksheet M16

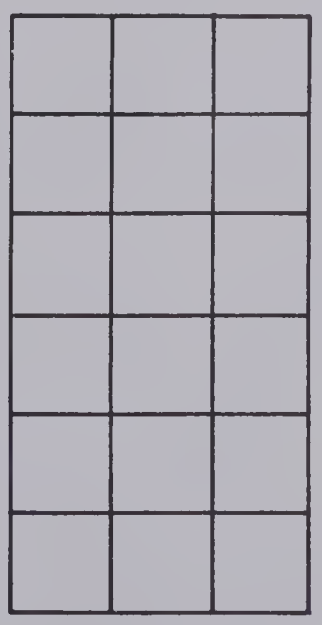
Pages 236-237

Find the area in square centimetres.

1. ____ × ____ = ____ square centimetres

1. 

2. 

3. 

2. ____ × ____ = ____ square centimetres

3. ____ × ____ = ____ square centimetres

Name _____

Unit 12

Post-test

Multiply.

1. $2 \times 3 =$ ____

2. $\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$

3. $8 \times 4 =$ ____

4. $\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$

5. $5 \times 3 =$ ____

6. $\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$

7. $4 \times 4 =$ ____

8. $\begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$

9. $\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$

10. $\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$

11. $\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$

12. $\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$

13. $\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$

14. $\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$

15. $\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$

16. $\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$

17. $\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$

18. $\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$

19. $\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$

20. $\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$

21. $\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$

22. $\begin{array}{r} 1 \\ \times 7 \\ \hline \end{array}$

23. $\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$

24. $\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$

25. $\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$

26. $\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$

27. $\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$

28. $\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$

29. $\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$

30. $\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$

31. $\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$

32. $\begin{array}{r} 0 \\ \times 8 \\ \hline \end{array}$

33. $\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$

34. $\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$

35. $\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$

36. $\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$

37. $\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$

38. $\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$

39. $6 \times 9 =$ ____

40. $9 \times 9 =$ ____

Name _____

Pretest

Unit 13

Divide.

1. $4\overline{)16}$
2. $5\overline{)40}$
3. $3\overline{)24}$
4. $2\overline{)18}$
5. $5\overline{)25}$
6. $3\overline{)18}$
7. $4\overline{)32}$
8. $2\overline{)12}$

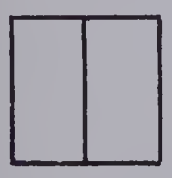
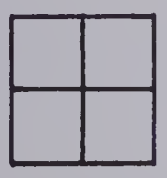
How many cards for each player?

9. 30 cards
   5 players ____
10. 24 cards
    4 players _____

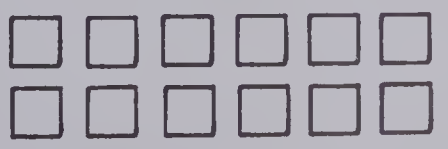
Divide.

11. $3\overline{)10}$
12. $5\overline{)27}$
13. $4\overline{)18}$
14. $2\overline{)17}$
15. $5\overline{)33}$
16. $4\overline{)27}$
17. $2\overline{)11}$
18. $3\overline{)20}$
19. $6\overline{)24}$
20. $7\overline{)35}$
21. $6\overline{)54}$
22. $7\overline{)49}$
23. $8\overline{)32}$
24. $8\overline{)64}$
25. $9\overline{)27}$
26. $9\overline{)63}$

Colour the fraction part.

27. 
    $\frac{1}{2}$
28. 
    $\frac{3}{4}$
29.
    $\frac{2}{5}$
30.
    $\frac{7}{10}$

31. Colour the greater: $\frac{3}{10}$ or $\frac{5}{10}$.

32. 
    $\frac{9}{10}$

Name _____

Extra Practice

Worksheet A50

Pages 242-243

Divide.

1. $3\overline{)9}$	**2.** $4\overline{)12}$	**3.** $4\overline{)32}$	**4.** $2\overline{)8}$
5. $5\overline{)40}$	**6.** $4\overline{)16}$	**7.** $2\overline{)16}$	**8.** $3\overline{)24}$
9. $5\overline{)20}$	**10.** $3\overline{)12}$	**11.** $4\overline{)12}$	**12.** $3\overline{)18}$
13. $4\overline{)24}$	**14.** $5\overline{)30}$	**15.** $4\overline{)36}$	**16.** $2\overline{)18}$
17. $4\overline{)4}$	**18.** $3\overline{)27}$	**19.** $5\overline{)25}$	**20.** $2\overline{)12}$

Extra Practice

Worksheet A51

Pages 244-245

1. 30 strings. 5 guitars.
   How many strings for each guitar? _____

2. 32 strings. 8 violins.
   How many strings for each violin? _____

3. 8 sticks. 4 drums.
   How many sticks for each drum? _____

4. 15 pedals. 5 pianos.
   How many pedals for each piano? _____

Name _____

Extra Practice

Worksheet A52

Pages 246-247

Divide. Show the remainder if there is one.

1. $4\overline{)17}$	**2.** $3\overline{)11}$	**3.** $5\overline{)28}$	**4.** $2\overline{)9}$
5. $3\overline{)19}$	**6.** $5\overline{)42}$	**7.** $2\overline{)15}$	**8.** $4\overline{)24}$
9. $5\overline{)39}$	**10.** $4\overline{)34}$	**11.** $3\overline{)23}$	**12.** $2\overline{)19}$

Extra Practice

Worksheet A53

Pages 248-249

Divide.

1. $6\overline{)54}$	**2.** $7\overline{)56}$	**3.** $7\overline{)63}$	**4.** $6\overline{)48}$
5. $7\overline{)35}$	**6.** $6\overline{)42}$	**7.** $7\overline{)14}$	**8.** $7\overline{)49}$
9. $6\overline{)36}$	**10.** $6\overline{)30}$	**11.** $7\overline{)42}$	**12.** $6\overline{)12}$
13. $6\overline{)24}$	**14.** $7\overline{)21}$	**15.** $6\overline{)18}$	**16.** $7\overline{)28}$
17. $7\overline{)53}$	**18.** $6\overline{)39}$	**19.** $7\overline{)13}$	**20.** $6\overline{)5}$

Name _____

Extra Practice

Worksheet A54

Pages 250-251

Divide.

1. $8\overline{)32}$	**2.** $9\overline{)18}$	**3.** $8\overline{)48}$	**4.** $9\overline{)81}$
5. $9\overline{)27}$	**6.** $8\overline{)40}$	**7.** $9\overline{)63}$	**8.** $8\overline{)64}$
9. $8\overline{)72}$	**10.** $9\overline{)36}$	**11.** $9\overline{)72}$	**12.** $8\overline{)56}$
13. $8\overline{)16}$	**14.** $9\overline{)45}$	**15.** $8\overline{)24}$	**16.** $9\overline{)54}$
17. $8\overline{)52}$	**18.** $9\overline{)40}$	**19.** $9\overline{)17}$	**20.** $8\overline{)78}$

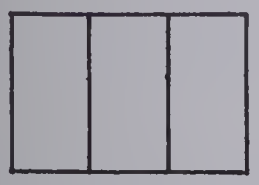
Extra Practice

Worksheet N10

Pages 252-253

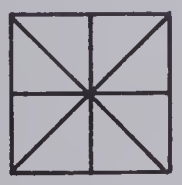
Shade in the fraction part shown.

1.



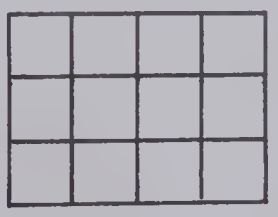
$\frac{2}{3}$

2.



$\frac{5}{8}$

3.



$\frac{7}{12}$

4.

$\frac{3}{8}$

5.

$\frac{3}{5}$

6.

$\frac{3}{4}$

7.

$\frac{7}{10}$

8.

$\frac{9}{10}$

Name _____

Extra Practice

Worksheet N11

Pages 254-255

Circle the greater fraction.

1. $\frac{1}{3}$ or $\frac{2}{3}$
2. $\frac{4}{5}$ or $\frac{3}{5}$
3. $\frac{4}{8}$ or $\frac{3}{8}$
4. $\frac{2}{4}$ or $\frac{3}{4}$
5. $\frac{3}{8}$ or $\frac{5}{8}$
6. $\frac{5}{6}$ or $\frac{3}{6}$
7. $\frac{7}{10}$ or $\frac{3}{10}$
8. $\frac{5}{10}$ or $\frac{9}{10}$
9. $\frac{6}{10}$ or $\frac{4}{10}$

Rewrite the following using less than.

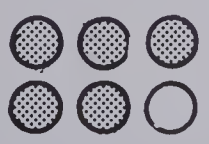
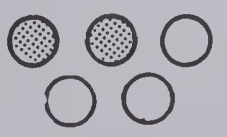
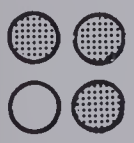
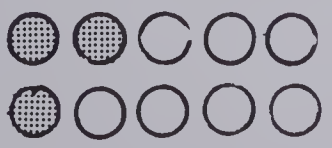
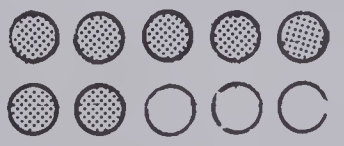
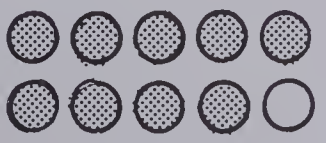
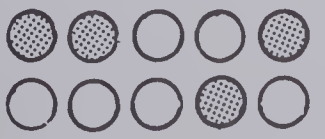
10. $\frac{3}{4}$ is greater than $\frac{1}{4}$. _____
11. $\frac{7}{10}$ is greater than $\frac{3}{10}$. _____
12. $\frac{3}{5}$ is greater than $\frac{2}{5}$. _____

Extra Practice

Worksheet N12

Pages 256-257

What fraction is shaded?

1. _____
2.  _____
3.  _____
4.  _____
5.  _____
6.  _____
7. _____
8.  _____
9.  _____

Name _____

Post-test

Unit 13

Divide.

1. $3\overline{)15}$
2. $4\overline{)24}$
3. $2\overline{)14}$
4. $5\overline{)20}$
5. $2\overline{)8}$
6. $3\overline{)27}$
7. $5\overline{)35}$
8. $4\overline{)36}$

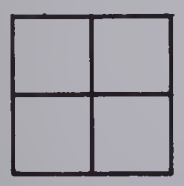
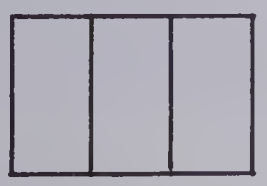
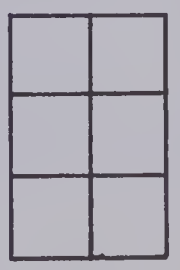
How many cards for each player?

9. 20 cards
   4 players _____
10. 45 cards
    5 players _____

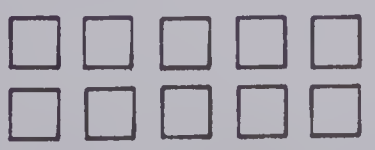
Divide.

11. $2\overline{)9}$
12. $4\overline{)13}$
13. $3\overline{)19}$
14. $5\overline{)17}$
15. $4\overline{)26}$
16. $2\overline{)19}$
17. $4\overline{)23}$
18. $3\overline{)22}$
19. $6\overline{)36}$
20. $6\overline{)48}$
21. $7\overline{)28}$
22. $7\overline{)56}$
23. $8\overline{)40}$
24. $8\overline{)72}$
25. $9\overline{)36}$
26. $9\overline{)81}$

Colour the fraction part.

27. 
    $\frac{1}{4}$
28. 
    $\frac{2}{3}$
29. 
    $\frac{5}{6}$
30.
    $\frac{3}{10}$

31. Colour the greater: $\frac{3}{8}$ or $\frac{5}{8}$.

32. 
    $\frac{7}{10}$

Name _____

Pretest

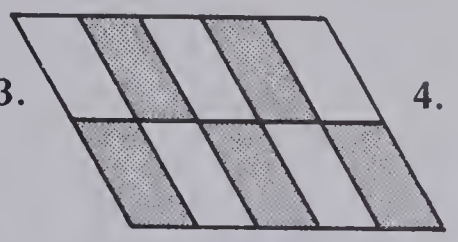
Unit 14

Write the decimal.

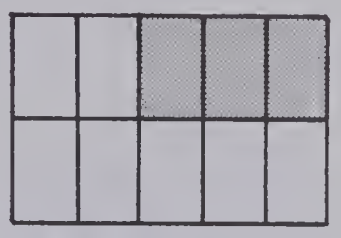
1. $\frac{8}{10}$

2. four tenths

3.

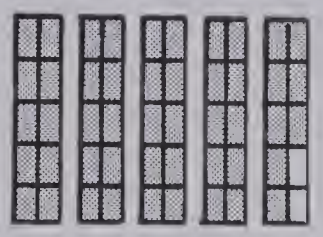


4.

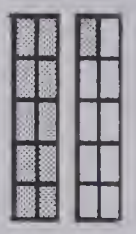


5. three and one tenth

6.



7.



8. Which is greater?
1.7 or 7.1

9. Put these in order.
0.9, 1.3, 2.1, 0.5

Does it hold closer to 1.0 L or 0.5 L?

10. 0.3 L

11. 0.9 L

12. 0.6 L

13. 1.3 L

Add or subtract.

14.
$$\begin{array}{r} 0.3 \\ +0.7 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 0.9 \\ -0.6 \\ \hline \end{array}$$

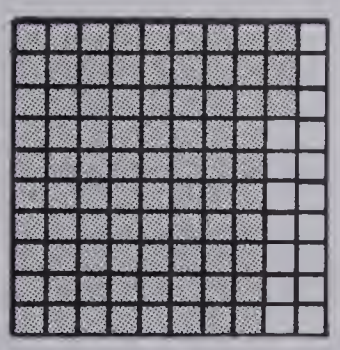
16.
$$\begin{array}{r} 0.8 \\ +0.8 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 0.7 \\ -0.6 \\ \hline \end{array}$$

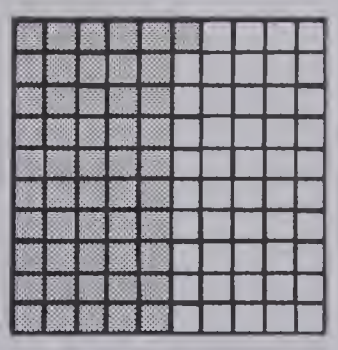
Write the decimal.

18. $\frac{43}{100}$

19.



20.



21. 5 and 9 hundredths

Change to metres. ■.■■ m

22. 82 cm

23. 326 cm

24. 4 m and 45 cm

Add or subtract.

25.
$$\begin{array}{r} \$8.55 \\ +\ 4.29 \\ \hline \end{array}$$

26.
$$\begin{array}{r} \$4.26 \\ +\ 0.85 \\ \hline \end{array}$$

27.
$$\begin{array}{r} \$6.75 \\ -\ 1.38 \\ \hline \end{array}$$

28.
$$\begin{array}{r} \$9.00 \\ -\ 7.32 \\ \hline \end{array}$$

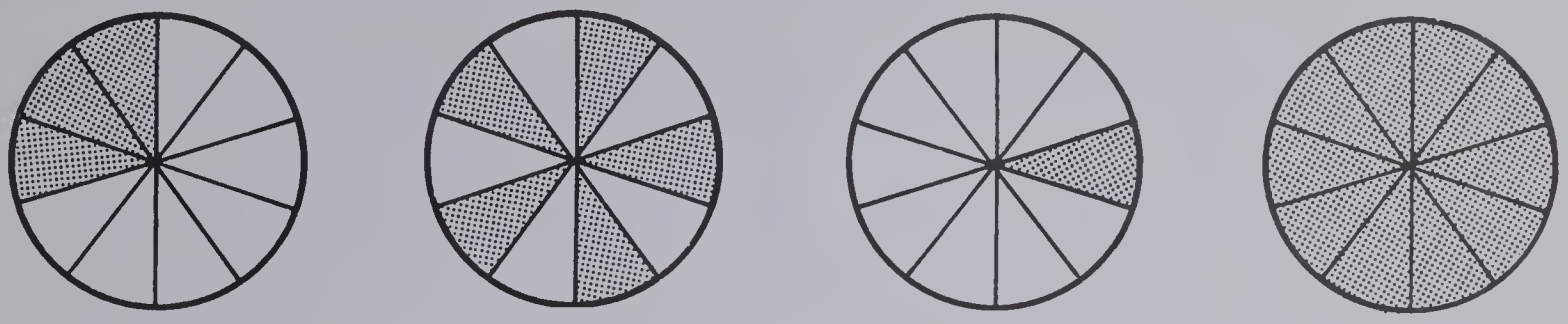
Name _____

Extra Practice

Worksheet N13

Pages 262-263

Match the circles and the boxes below and colour in the boxes.



blue	green	red	orange
$\frac{1}{10}$	$\frac{10}{10}$	$\frac{3}{10}$	$\frac{5}{10}$
3 tenths	5 tenths	10 tenths	1 tenth
0.3	1.0	0.5	0.1

Extra Practice

Worksheet N14

Pages 264-265

Write as a decimal.

1. 23 tenths = ____ ones ____ tenths = ____.____
2. 20 tenths = ____ ones ____ tenths = ____.____
3. 4 tenths = ____ ones ____ tenths = ____.____
4. 52 tenths = ____.____
5. 30 tenths = ____.____
6. 8 tenths = ____.____
7. 45 tenths = ____.____
8. 40 tenths = ____.____
9. 99 tenths = ____.____
10. 10 tenths = ____.____
11. 100 tenths = ____ ____.____

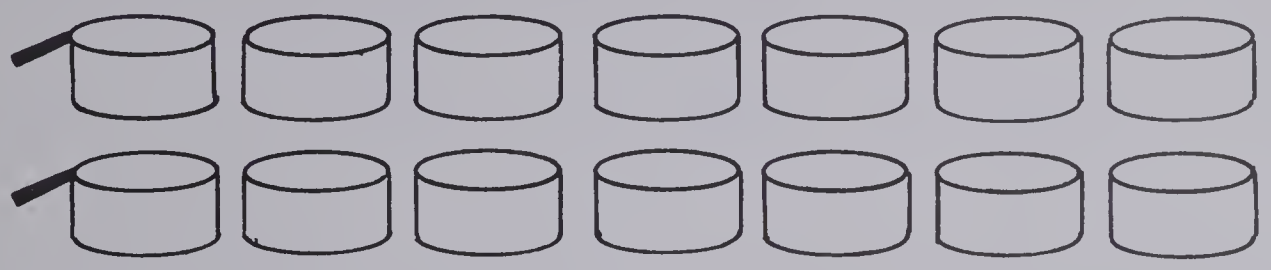
Name _____

Extra Practice

Worksheet N15

Pages 266-267

Write the decimal numbers in order in the pots.



7.1 0.8 1.4 8.0 2.6 1.7 0.3
0.1 3.5 8.5 2.4 8.9 4.2 9.1

Extra Practice

Worksheet M17

Pages 268-269

Use several different containers.
Estimate how much each container holds in tenths of a litre.
Check your estimates with a litre-measuring container.

Container	Estimate	Measure

Name _____

Extra Practice

Worksheet A55

Pages 270-271

Add or subtract.

1. 1.3 − 0.7	**2.** 0.6 + 0.2	**3.** 0.8 + 0.7	**4.** 0.9 − 0.2	**5.** 1.6 − 0.9
6. 1.5 − 0.7	**7.** 0.7 + 0.7	**8.** 0.5 + 0.8	**9.** 0.8 − 0.8	**10.** 1.2 − 0.7
11. 1.1 − 0.6	**12.** 0.7 + 0.3	**13.** 0.5 + 0.9	**14.** 1.3 − 0.6	**15.** 0.8 + 0.9

Extra Practice

Worksheet N16

Pages 272-273

Complete the decimal number.

1. 56 hundredths = __.__

2. 4 and 70 hundredths = __.__

3. 6 hundredths = __.__

4. 2 and 7 hundredths = __.__

5. 6 tenths = __.__

6. 5 and 7 tenths = __.__

7. $\frac{70}{100}$ = __.__

8. $\frac{6}{100}$ = __.__

9. $\frac{6}{10}$ = __.__

10. $\frac{25}{100}$ = __.__

11. $\frac{5}{10}$ = __.__

12. $\frac{5}{100}$ = __.__

Name _____

Extra Practice

Worksheet M18
Pages 274-275

Complete the table.

	Estimate in Metres	Measurement in Centimetres	Measurement in Metres
door width			
window height			
chalkboard width			
chalkboard height			
room height			

Extra Practice

Worksheet PS21-PS22
Pages 276-277

hot dogs $3.24	peas $1.63	hamburger $4.38	beans $2.47

1. How much for meat?

2. How much for vegetables?

3. How much more for beans than for peas?

4. How much more for hamburger than for beans?

Name _____

Post-test

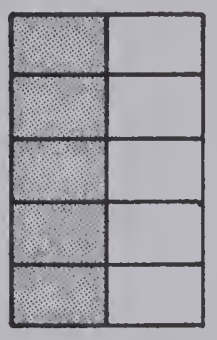
Unit 14

Write the decimal.

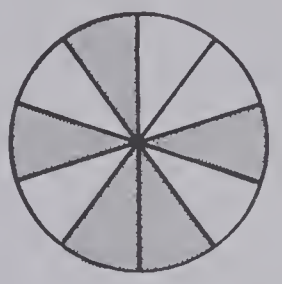
1. $\frac{3}{10}$

2. six tenths

3.

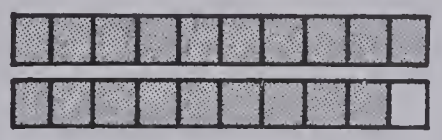


4.

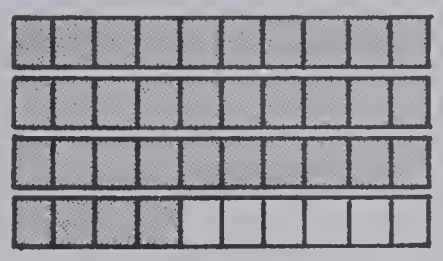


5. two and one tenth

6.



7.



Which is greater?

8. 4.5 or 5.4

9. 7.6 or 8.7

Is it closer to 0.1 L or 1.0 L?

10. 1.2 L

11. 0.2 L

12. 0.9 L

13. 0.3 L

Add or subtract.

14.
$$\begin{array}{r} 0.9 \\ -\,0.3 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 1.3 \\ -\,0.9 \\ \hline \end{array}$$

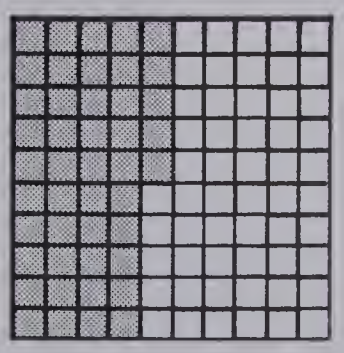
16.
$$\begin{array}{r} 0.8 \\ +\,0.6 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 0.5 \\ +\,0.5 \\ \hline \end{array}$$

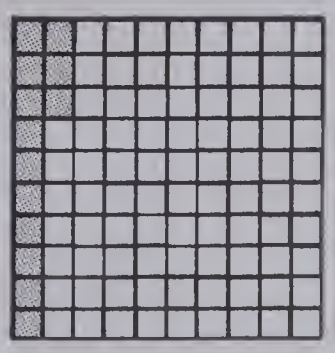
Write the decimal.

18. $\frac{28}{100}$

19.



20.



21. 8 and 6 hundredths

Change to metres. ■.■■ m

22. 280 cm

23. 72 cm

24. 6 m and 29 cm

Add or subtract.

25.
$$\begin{array}{r} \$3.28 \\ +\ 2.51 \\ \hline \end{array}$$

26.
$$\begin{array}{r} \$3.84 \\ +\ 0.29 \\ \hline \end{array}$$

27.
$$\begin{array}{r} \$6.42 \\ -\ 1.14 \\ \hline \end{array}$$

28.
$$\begin{array}{r} \$8.48 \\ -\ 2.59 \\ \hline \end{array}$$

Name _____

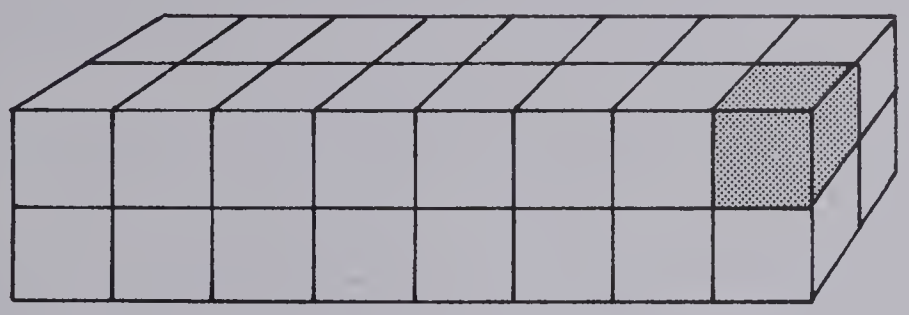
Pretest

Unit 15

Does it suggest **volume** or **area**?

1. a shoe box **2.** a book cover **3.** an aquarium **4.** an envelope

5. What is the volume?



one cubic centimetre

6. What is the Roman numeral **VII** in standard form?

Multiply.

7. $3 \times 10 =$ ____ **8.** $6 \times 100 =$ ____ **9.** $10 \times 9 =$ ____ **10.** $100 \times 7 =$ ____

11. $8 \times 40 =$ ____ **12.** $5 \times 20 =$ ____ **13.** $9 \times 90 =$ ____ **14.** $7 \times 60 =$ ____

15. 33 × 3 **16.** 13 × 2 **17.** 22 × 3 **18.** 41 × 2

19. 56 × 3 **20.** 18 × 7 **21.** 59 × 8 **22.** 37 × 6

Solve.

23. 6 classrooms.
25 students in each.
How many students in all?

24. 5 minutes.
72 heartbeats in one minute.
How many heartbeats in five minutes?

Name _____

Extra Practice

Worksheet M19

Pages 282-283

Estimate and measure the volume of 8 things.
Use a sugar cube as the unit.

Name of item	Estimate	Actual number
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

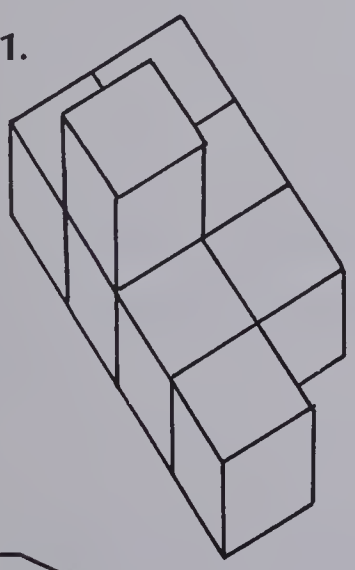
Extra Practice

Worksheet M20

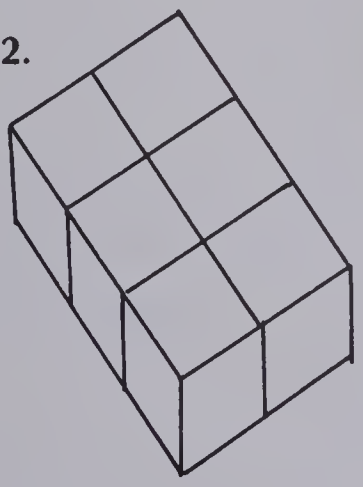
Pages 284-285

Estimate and measure the volume in cubic centimetres.

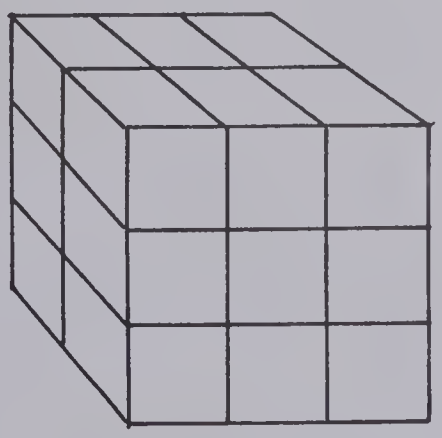
1.



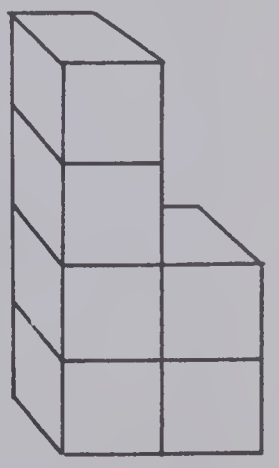
2.



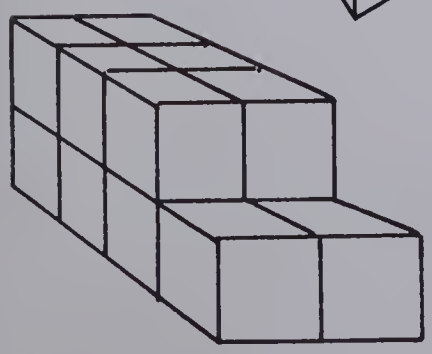
3.



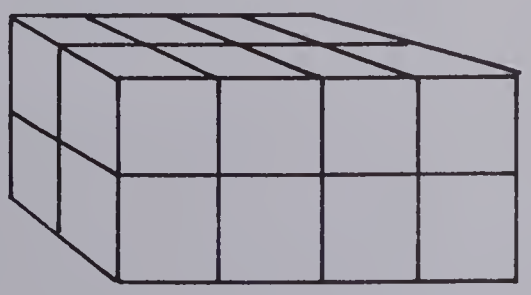
4.



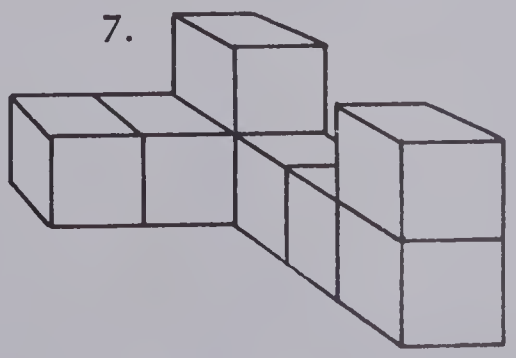
5.



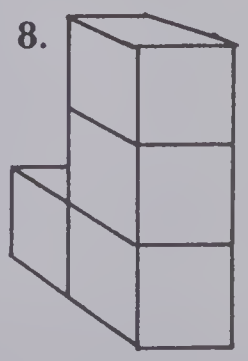
6.



7.



8.



Name _____

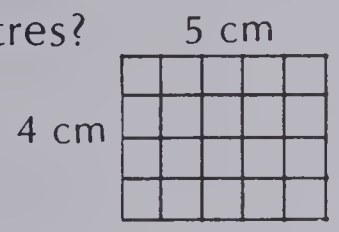
Extra Practice

Worksheet PS23-PS24

Pages 286-287

Choose **addition**, **subtraction**, **multiplication**, or **division**.
Find the answer.

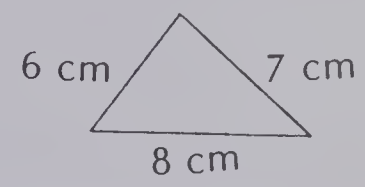
1. What is the area in square centimetres?



2. 24 students ate lunch at 6 tables. How many students ate at each table?

3. John received $20 for his birthday. He bought a game for $11.95. How much money was left?

4. Find the perimeter in centimetres.



Extra Practice

Worksheet N17

Pages 288-289

Write the numeral in standard form.

1. XIII = ____ **2.** IX = ____

3. III = ____ **4.** VIII = ____

5. IV = ____ **6.** XI = ____

Write the Roman numeral.

7. 6 = _____ **8.** 12 = _____

9. 7 = _____ **10.** 5 = _____

11. 4 = _____ **12.** 9 = _____

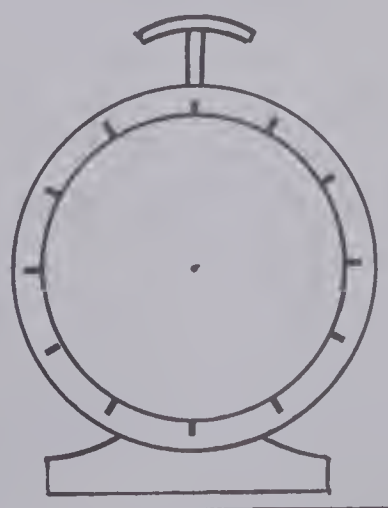
Write Roman numerals for each chapter.

13.

Chapter 1 Chapter ____
Chapter ____ Chapter ____
Chapter ____ Chapter ____
Chapter ____ Chapter ____
Chapter ____ Chapter ____

Write Roman numerals on the clock.

14.

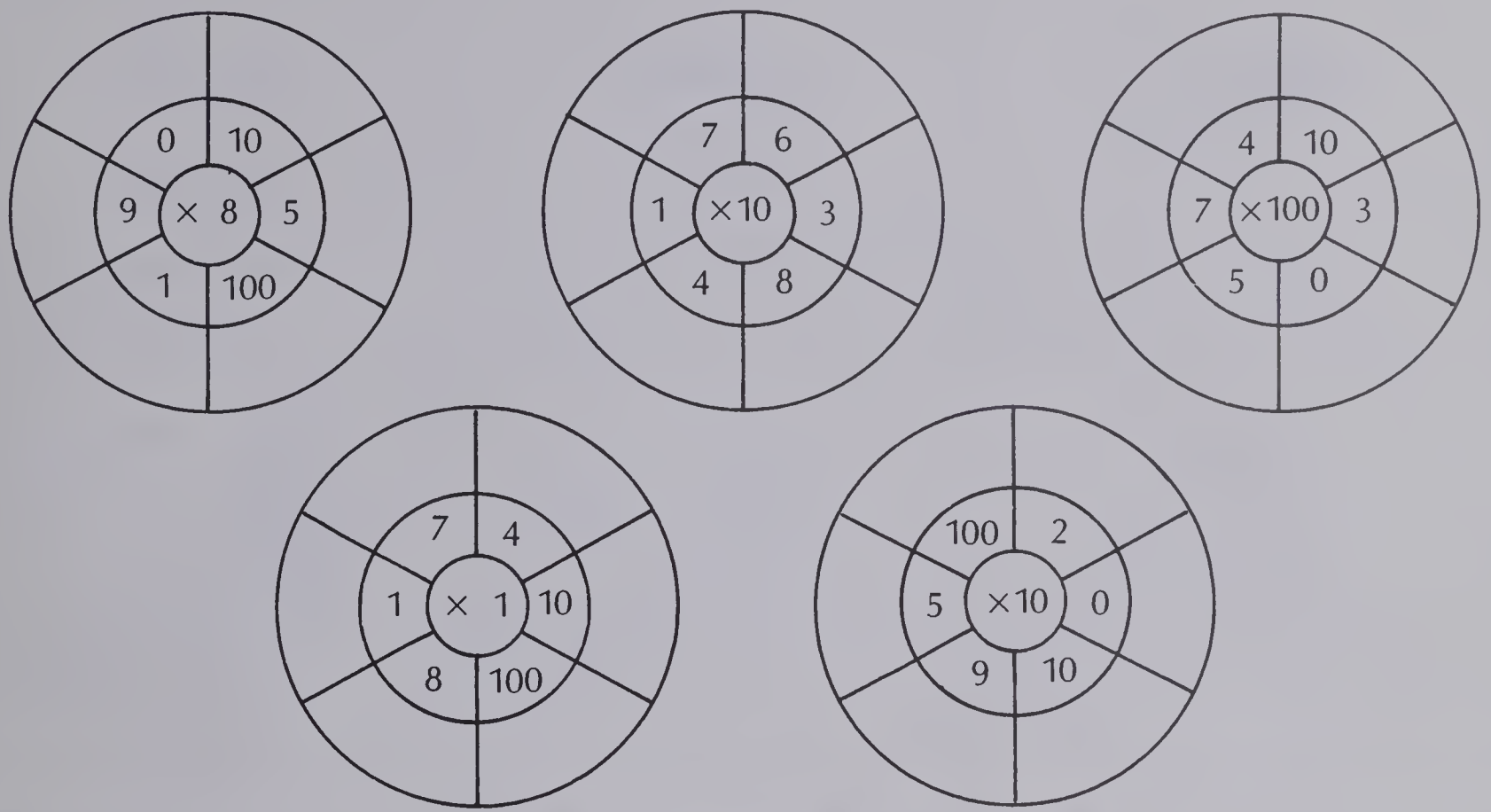


Name _____

Extra Practice

Worksheet A56
Pages 290-291

Multiply.



Extra Practice

Worksheet A57
Pages 292-293

Multiply.

1. 4 × 3 tens = ____ tens

2. 7 × 5 tens = ____ tens

3. 9 × 2 tens = ____ tens

4. 5 × 6 tens = ____ tens

5. $4 \times 90 =$ ____

6. $8 \times 20 =$ ____

7. $5 \times 40 =$ ____

8. $2 \times 60 =$ ____

9. $\begin{array}{r} 40 \\ \times\ 7 \\ \hline \end{array}$

10. $\begin{array}{r} 80 \\ \times\ 3 \\ \hline \end{array}$

11. $\begin{array}{r} 60 \\ \times\ 6 \\ \hline \end{array}$

12. $\begin{array}{r} 70 \\ \times\ 9 \\ \hline \end{array}$

Solve.

13. A building has 8 apartments on each floor. There are 20 floors. How many apartments in all are in the building?

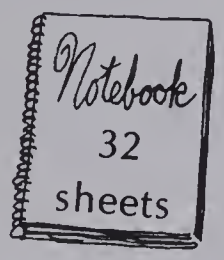
Name _____

Extra Practice

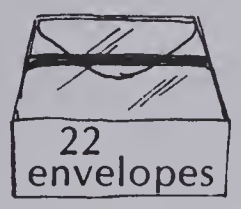
Worksheet A58

Pages 294-295

Multiply. Solve.

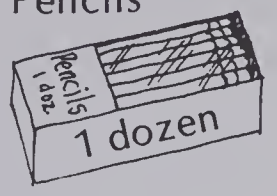


How many sheets in 3 notebooks?



How many envelopes in 4 boxes?

Pencils



How many pencils in 3 dozen?

14 boxes of raisins in 1 bag

How many boxes in 2 bags?

31 pages

How many pages in 3 books?

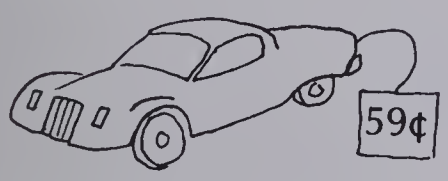
How many spoons in 4 packages?

Extra Practice

Worksheet A59

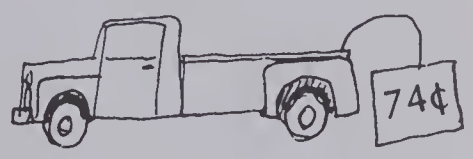
Pages 296-297

Multiply. Solve.

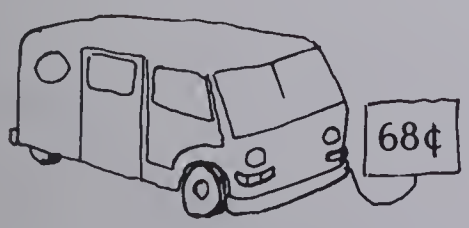


How much for 4 cars?

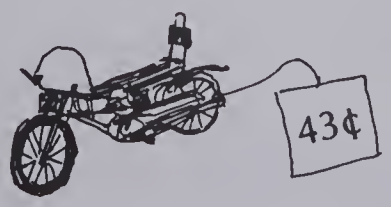
How much for 3 buses?



How much for 8 pick-up trucks?



How much for 6 vans?



How much for 5 motorcycles?

How much for 2 moving vans?

Name _____

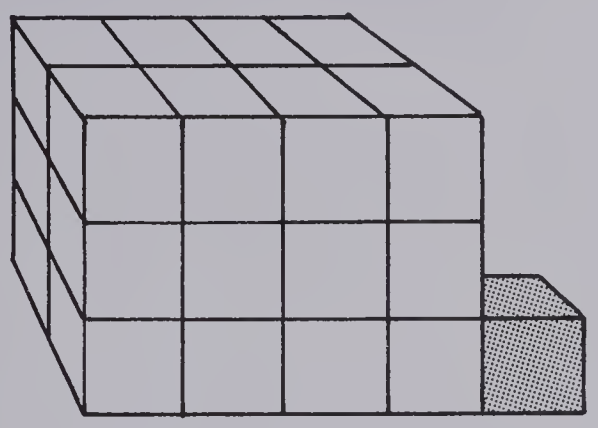
Post-test

Unit 15

Does it suggest **volume** or **area**?

1. a basket
2. a desk top
3. a chalkboard
4. a lunch box

5. What is the volume?



one cubic centimetre

6. What is the Roman numeral **IV** in standard form?

Multiply.

7. $4 \times 10 =$ ____
8. $8 \times 100 =$ ____
9. $10 \times 2 =$ ____
10. $100 \times 5 =$ ____

11. $9 \times 70 =$ ____
12. $8 \times 20 =$ ____
13. $3 \times 60 =$ ____
14. $8 \times 50 =$ ____

15. $\begin{array}{r} 24 \\ \times\ 2 \\ \hline \end{array}$
16. $\begin{array}{r} 13 \\ \times\ 3 \\ \hline \end{array}$
17. $\begin{array}{r} 11 \\ \times\ 8 \\ \hline \end{array}$
18. $\begin{array}{r} 14 \\ \times\ 2 \\ \hline \end{array}$

19. $\begin{array}{r} 25 \\ \times\ 7 \\ \hline \end{array}$
20. $\begin{array}{r} 36 \\ \times\ 4 \\ \hline \end{array}$
21. $\begin{array}{r} 48 \\ \times\ 9 \\ \hline \end{array}$
22. $\begin{array}{r} 57 \\ \times\ 6 \\ \hline \end{array}$

Solve.

23. 3 buses.
35 students on each.
How many students in all?

24. 4 aquariums.
18 fish in each.
How many fish in all?

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